

EMPANELLED INFORMATION SECURITY AUDITING ORGANISATIONS by CERT-In

The List of IT Security Auditing Organisations, as given below, is up-to-date valid list of CERT-In Empanelled Information Security Auditing Organisations. This list is updated by us as soon as there is any change in it.

1. M/s AAA Technologies Pvt Ltd

278-280, F-Wing, Solaris-1,
Saki Vihar Road, Opp. L&T Gate No. 6,
Powai, Andheri (East),
Mumbai – 400072.
Website URL : <http://www.aaatechnologies.co.in>
Ph : 022-28573815 / 16
Fax: 022-40152501
Contact Person : Mr. Anjay Agarwal, Chairman & Managing Director
Mobile : +91 09322265876, 9821087283
E-mail : [anjay\[at\]aaatechnologies.co.in](mailto:anjay[at]aaatechnologies.co.in)

2. M/s Accedere Limited (subject to outcome of background verification)

Postal address: Level 3, Neo Vikram,
New Link Road, Andheri West, Mumbai 400058
Ph : 9004031956
Fax:
Contact Person : Mr. Ashwin Chaudhary
E-mail : [info\[at\]accedere.io](mailto:info[at]accedere.io)

3. M/s AKS Information Technology Services Pvt Ltd (subject to outcome of background verification)

B-21, Sector-59, Noida - 201309 (Uttar Pradesh)
Website URL: <https://www.aksitservices.co.in/>
Ph: 0120-4545911
TeleFax : 0120-4243669
Contact Person : Mr. Ashish Kumar Saxena, Managing Director
Mobile : +91-7290058951
E-mail : [info.cert\[at\]aksitservices.co.in](mailto:info.cert[at]aksitservices.co.in)

4. M/s AQM Technologies Pvt Ltd.

A 401, Raheja Plaza, LBS Road, Nityanand Nagar, Ghatkopar West,
Mumbai, Maharashtra 400086.
INDIA
Phone number :022 4050 8200
Fax: -
Contact Person: Mr. Sanjay PARIKH
E-mail: [sanjay.parikh\[at\]aqmtechnologies.com](mailto:sanjay.parikh[at]aqmtechnologies.com)
Contact No : +91-8291858027 / 022-40508262

5. M/s Allied Boston Consultants India Pvt. Ltd.

2205, Express Trade Towers-2, B-36, Sector 132,
Noida Expressway, Noida 201301 (U.P.)
Ph : 9891555625, 0120-4113529
Fax: 0120-4113528
Contact Person : Mr. T. Ganguly
E-mail : itsec[at]alliedboston.com

6. M/s BHARAT ELECTRONICS LIMITED

Office of the GM/Software,
BEL Software SBU
Bharat Electronics Limited
Jalahalli, Bengaluru - 560013
Karnataka
Ph :080-22197197, or 080-28383120
Fax:080-28380100
Contact Person : Mrs. Anna Peter, Sr.DGM (Software), BEL/SW
E-mail : ITSecurityAuditTeam[at]bel.co.in
Mobile : +91 9844296344
Ph :080-22195563

7. M/s Centre for Development of Advanced Computing (C - DAC)

Plot No. 6 & 7, Hardware Park,
Sy No. 1/1, Srisaïlam Highway,
Pahadi Shareef Via Keshavagiri (Post), Hyderabad - 501510
Ph : +919441233972, +917382303598
Fax: NA
Contact Person : Ch A S Murty
E-mail : cswan[at]cdac.in, chasmurty[at]cdac.in

8. M/s Crossbow Labs LLP

Unit 406, Brigade IRV Center, Nallurhalli,
Whitefield, Bangalore
Karnataka 560066,
India
Ph : +91 80 470 91427
Fax: No Fax
Contact Person : Mr. Rosan Thomas
E-mail : cert[at]crossbowlabs.com

9. M/s CyberQ Consulting Pvt Ltd.

J-1917, Chittaranjan Park, New Delhi - 110019
Ph : 9899139870/7042081393
Fax: NA
Contact Person : Mr. Debopriyo Kar
E-mail : debopriyo.kar[at]cyberqindia.com

10. M/s CyRAAC Services Private Limited

2nd Floor, Napa Prime, 7/24, 11th Main Road,
4th Block East, Jayanagar,
Bengaluru - 560011
Ph : +919886210050
Fax:
Contact Person : Mr. Murari Shanker
E-mail : ms[at]cyraacs.com

11. M/s Deloitte Touche Tohmatsu India LLP

7th Floor, Building 10, Tower B, DLF Cyber City Complex,
DLF City Phase II, Gurgaon, Haryana, India
Ph : +91 9811663776
Fax: 0124-6792012
Contact Person : Mr. Gautam Kapoor
E-mail : gkapoor[at]deloitte.com

12. M/s Grant Thornton India LLP

L 41, Connaught Circus, Outer Circle,
New Delhi. PIN - 110 001
Ph : 0124-4628000 (Ext. 277)
Fax: +91 124 462 8001
Contact Person : Mr. Akshay Garkel, Partner Cyber
Mobile: +91 9820208515
E-mail : Akshay.Garkel[at]IN.GT.COM and cyber[at]IN.GT.COM

13. M/s KPMG Assurance and Consulting Services LLP

DLF Building No. 10, 8th Floor, Tower C,
DLF Cyber City, Phase 2,
Gurgaon, Haryana-122002
Ph : +91 9810081050
Fax: +91 124 254 9101
Contact Person : Mr. Atul Gupta (Partner, Cyber Security)
E-mail : atulgupta[at]kpmg.com

14. M/s Mahindra Special Services Group

(Division of Mahindra Defence Systems Limited)
Mahindra Towers, P.K Kurne Chowk,
Dr. G.M Bhosale Marg, Worli,
Mumbai - 400018, India
Ph: 9769015546
Fax: NA
Contact Person: Mr. Rajesh Huddar
E-mail : rajesh.huddar[at]mahindrassg.com

15. M/s Maverick Quality Advisory Services Private Limited

123 RADHEY SHYAM PARK P.O SAHIBABAD
Ghaziabad, U.P, INDIA – 201005
Ph : 9871991928
Contact Person : Mr. Ashok Vardhan, Director
E-mail : ashok[at]mqasglobal.com

16. Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT)

(A Regt. Society of Department of Science & Technology, Government of Madhya Pradesh)

47-A , State IT Center, Arera Hills,
Bhopal, Madhya Pradesh- 462011
Ph: 0755-2518713, 0755-2518702

Fax: 0755-2579824

Contact person : Mr. Vinay Pandey

Mobile: +91-0755-2518710

Email: vinay[dot]pandey[at]mapit [dot] gov [dot] in

17. M/s Mirox Cyber Security & Technology Pvt Ltd

4th Floor Nila Technopark Kariyavttom PO 695581
Trivandrum, Kerala

Phone +91 471 4016888 / +91 471 4000545

Mobile 9995199499, 9995799499

Contact Person : Mr. Rajesh Babu

Mobile: 9995799499

Email- rb[at]miroxindia.com/rbmirox2000[at]gmail.com

18. M/s Net Square Solutions Private Limited

1, SanjivBaug baug, Near Parimal Crossing, Paldi,
Ahmedabad - 380007, Gujarat

Fax : +91 7926651051

Contact Person : Ms. Jinal Harsora

Email: jinal[at]net-square.com

Mobile: +91 75063 76777

19. M/s Network Intelligence India Pvt. Ltd. (subject to outcome of background verification)

2nd Floor, 204, Ecospace IT Park,
Off Old Nagardas Road, Andheri-E, Mumbai-400069.

Ph : +919820049549

Fax: NA

Contact Person : Mr. Kanwal Kumar Mookhey

E-mail : kkmookhey[at]niiconsulting.com

20. M/s Paladion Networks Pvt. Ltd.

Shilpa Vidya, 49 1st Main, 3rd Phase
JP Nagar, Bangalore - 560078

Ph : +91-80-42543444

Fax: +91-80-41208929

Contact Person : Mr. Balaji Venkatasubramanian

E-mail : balaji.v[at]paladion.net

21. M/s Payatu Technologies Pvt Ltd

502,5th Floor, Tej House,
5 MG Road, Camp, Pune-411001

Ph : +91-20-41207726

Fax: NA

Contact Person : Mr. Pranshu Jaiswal

E-mail : cert[at]payatu.com

22. M/s Price water house Coopers Pvt. Ltd.

7th & 8th Floor, Tower B, Building 8,
DLF Cyber City, Gurgaon, Haryana -122002
Ph : [91] 9811299662
Fax: [91] (124) 462 0620
Contact Person : Mr.Rahul Aggarwal
E-mail : rahul2.aggarwal[at]pwc.com

23. M/s Protiviti India Member Private Limited (subject to outcome of background verification)

GTB Nagar, Lalbaug, Everard Nagar,
Sion, Mumbai, Maharashtra 400022
Ph :022 6626 3333
Contact Person : Mr. Sandeep Gupta (Managing Director)
E-mail : Sandeep.Gupta[at]protivitiglobal.in
Phone: +91-9702730000

24. M/s Qseap Infotech Pvt. Ltd.

Unit No.105, Building No.03, Sector No.03,
Millennium Business Park, Mahape(MIDC),
Maharashtra- 400710, India
Ph :9987655544
Fax:NA
Contact Person : Mr. Abhijit Doke
E-mail : abhijitd[at]qseap.com

25. M/s RSM Astute Consulting Pvt. Ltd.

301-307, A Wing, Technopolis Knowledge Park,
Mahakali Caves Road, Andheri (East),
Mumbai – 400093
Tel: 91-22- 6108 5555
Contact Person :Mr. Anup Nair
E-mail : anup.nair[at]rsmindia.in
Mobile No. +91 8828428080
Website : www.rsmindia.in

26. M/s SecureLayer7 Technologies Private Limited

Plot No. 28, Vyankatesh Nagar, Beside Totala Hospital,
Jalna Road, Aurangabad, MH 431001
Ph : +91-844-844-0533
Fax: NA
Contact Person : Mr. Sandeep Kamble
E-mail : cert[at]securelayer7.net

27. M/s SecurEyes Techno Services Pvt. Ltd.

4th Floor, Delta Block, Sigma Soft Tech Park,
Whitefield Main Road, Varathur, Bangalore - 560066
Phone Number: +91 9449035102/ 080-41264078
Fax:NA
Contact Person : Ms. Uma Pendyala
E-mail : umap[at]secureeyes.net

28. M/s Security Brigade InfoSec Pvt. Ltd.

3rd Floor, Kohinoor Estate, Lower Parel,
Mumbai - 400013
Ph : +919004041456
Fax: -
Contact Person : Mr. Jamila Pittalwala
E-mail : certin[at]securitybrigade.com

29. M/s Sysman Computers

312, Sundram, Rani Laxmi Chowk,
Sion Circle, Mumbai 400022
Ph : 99672-48000 / 99672-47000 / 022-2407-3814
website : www.sysman.in
Contact Person : Dr. Rakesh M Goyal, Director
E-mail : rakesh[at]sysman.in, सिसमैन@सिसमैन.भारत

30. STQC Directorate, Ministry of Electronics and IT, Govt. of India

Electronics Niketan, 6 C G O Complex,
Lodhi Road, New Delhi-110003
Ph : 011 24301816, 24301382
Fax: 011 24363083
Contact Person : Mr. Gautam Prasad
E-mail : gprasad[at]stqc.gov.in; headits[at]stqc.gov.in

31. M/s TAC InfoSec Private Limited

C203, 4th Floor, World Tech Tower
Phase-8B, Mohali-160055
Ph : 9876200821, 9988850821
Contact Person : Mr. Trishneet Arora, Founder and CEO
E-mail : ceo[at]tacsecurity.co.in

32. M/s Tata Communications Ltd

Tower 4, 4th to 8th Floor, Equinox Business Park,
LBS Marg, Kurla (W), Mumbai 400070
Ph : +91 22 66592000
Contact Person : Mr. Gaurav D Deshpande - Sales Leader-Cyber Security
E-mail : Gaurav.D.Deshpande[at]tatacommunications.com,
Mobile : +919769190639, +91 9810093811, 9873334607

33. M/s Xiarch Solutions Private Limited (subject to outcome of background verification)

352, 2nd Floor, Tarun Enclave,
Pitampura, New Delhi-110034, India
Ph : 011-45510033
Fax: 011-66173033
Contact Person : Mr. Utsav Mittal, Principal Consultant
E-mail : utsav[at]xiarch.com, cert[at]xiarch.com

34. M/s Yoganandh & Ram LLP (subject to outcome of background verification)

G-1, Shree Vishnu Apartments, 12, Twelfth Cross Street,
Dhandeeswaram Nagar, Velachery, Chennai - 600042

Ph : 044-22432030

Fax: Nil

Contact Person : Mr. Manoj Kumar Jain

E-mail : manoj[at]yandr.in / isaudit[at]yandr.in

Mobile : 9940156515 / 98415 82933

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s AAA Technologies Pvt Ltd

1. Name & location of the empanelled Information Security Auditing Organization :

**AAA Technologies Limited,
Mumbai, Delhi, Bangalore, Lucknow, Chennai, Pune**

2. Carrying out Information Security Audits since : **2000**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes
- Mobile App Security Testing (Y/N) : Yes
- ERP Audit (Y/N) : Yes
- Payment Gateway Audit (Y/N) : Yes
- Compliance Audit as per Government of India Guidelines (Y/N) : Yes
- Source Code Review (Y/N) : Yes
- Cyber Security and CSOC Audit (Y/N) : Yes
- Cloud Security Audit (Y/N) : Yes
- Swift Audit (Y/N) : Yes
- Concurrent / Continuous Audit (Y/N) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **400+**
 PSU : **100+**
 Private : **25+**
 Total Nos. of Information Security Audits done : **525+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **150+**
 Web-application security audit : **400**
 Wireless security audit : **30+**
 Compliance audits (ISO 27001, PCI, etc.) : **60+**

6. Technical manpower deployed for information security audits :

CISSPs : **5+**
 BS7799 / ISO27001 LAs : **30+**
 CISAs : **20+**
 DISAs / ISAs : **5+**
 Any other information security qualification : **35+**
 Total Nos. of Technical Personnel : **75+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1)	Anjay Agarwal	20	25	ISMS LA, CISA, ISA, CEH, ECSA, LPT, COBIT Certified Assessor
2)	Venugopal M. Dhoot	19	18	ISMS LA, ISA, CEH
3)	Ruchi Agarwal	16	16	ISMS LA

4)	D.K.Agarwal	17	18	CISA
5)	Vidhan Srivastav	16	16	CISSP, ISMS LA
6)	Sudhir Lad	9	19	CISA
7)	Ravi Naidu	10	13	ISMS LA, CEH
8)	Harpreet Singh Dhanjal	7	7	CEH
9)	Bharati Vane	7	7	CEH
10)	Rahul Verma	7	8	ISMS LA, CEH
11)	Raja Yadav	6	7	ISMA LA, CEH
12)	Atul Raj	6	7	ISMS LA, CEH
13)	Vishnuvardhan Selvaraj	4	6	ISMS LA
14)	Ajay Gautam	4	6	ISMA LA
15)	Mohit Sharma	4	6	ISMS LA
16)	Animesh Mishra	3	6	ISO 27001
17)	Priyanka Awari	3	6	CEH
18)	SuyogGhag	3	6	CEH
19)	Ashvini Anand Yendhe	3	6	CEH
20)	Hiren Shah	3	16	CEH, ISO 27001
21)	Rohit Kumar	2	5	CEH
22)	Shweta Singhal	2	5	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Audit for a Government Organisation above Rs. 5 Crores
Information Security Audit including SAP Audit for a Municipal Corporation for above Rs. 4.5 Crore
Consultancy for Implementing ISO 27001 for 17 Data Centers across India including Vulnerability Assessment and Penetration Testing for Rs. 54.57 Lakhs

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Commercial

- i. NetSparker
- ii. Core Impact
- iii. Nessus Pro
- iv. Nipper
- v. Burp Suite
- vi. Idea

Freeware

- i. Nmap
- ii. DOMTOOLS - DNS-interrogation tools
- iii. Nikto - This tool scans for web-application vulnerabilities
- iv. Firewalk - Traceroute-like ACL & network inspection/mapping

- v. Hping – TCP ping utility
- vi. Dsniff - Passively monitor a network for interesting data (passwords, e-mail, files, etc.). facilitate the interception of network traffic normally unavailable to an attacker
- vii. HTTrack - Website Copier
- viii. Tools from FoundStone - Variety of free security-tools
- ix. SQL Tools - MS SQL related tools
- x. John - John The Ripper, Password-cracking utility
- xi. Paros - Web proxy for web application testing
- xii. Wikto - Web server vulnerability assessment tool
- xiii. Back Track
- xiv. Meta Sploit
- xv. Ethereal - GUI for packet sniffing. Can analyse tcpdump-compatible logs
- xvi. NetCat - Swiss Army-knife, very useful
- xvii. Hping2 - TCP/IP packet analyzer/assembler, packet forgery, useful for ACL inspection
- xviii. Brutus – password cracking for web applications, telnet, etc.
- xix. WebSleuth - web-app auditing tool
- xx. HTTPPrint – detect web server and version
- xxi. OpenVas
- xxii. W3af
- xxiii. Owasp Mantra
- xxiv. Wire Shark
- xxv. Ettercap
- xxvi. Social Engineering Tool Kit
- xxvii. Exploit database
- xxviii. Aircrack-Ng
- xxix. Hydra
- xxx. Directory Buster
- xxxi. SQL Map
- xxxii. SSL Strip
- xxxiii. Hamster
- xxxiv. Grimwepa
- xxxv. CAIN & Able
- xxxvi. Rips
- xxxvii. Iron Wasp
- xxxviii. Fiddler
- xxxix. Tamper Data

Proprietary

- i. AAA - Used for Finger Printing and identifying open ports, services and misconfiguration
 - ii. Own developed scripts for Operating System
 - iii. Own developed scripts for Database Audit
10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by <AAA Technologies Limited> on <23-10-2020>

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Accedere Limited (formerly e.com Infotech I Ltd)

1. Name & location of the empanelled Information Security Auditing Organization :

**Accedere Limited
(formerly e.com Infotech I Ltd)
Level 3, Neo Vikram, New Link Road
Andheri West, Mumbai 400058**

2. Carrying out Information Security Audits since : 2017

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : NIL
 PSU : NIL
 Private : **25**
 Total Nos. of Information Security Audits done : Approx25 yearly audits

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : NIL
 Web-application security audit : NIL
 Wireless security audit : NIL
 Compliance audits (ISO 27001, PCI, etc.) : 5
 SCADA/OT Audits : 3
 Data Privacy Audits : 4
 SOC 2 Type 2 : 20

6. Technical manpower deployed for informationsecurity audits:

CISSPs : 2
 BS7799 / ISO27001 LAs : 3
 CISAs : 4
 DISAs / ISAs : NIL
 Any other information security qualification : CEH-1
 Total Nos. of Technical Personnel : 5

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Accedere Ltd	Experience in Information Security	Qualifications related to Information security
1.	Ashwin Chaudhary	4 Years	18+ Years	CISSP, CISA, CSIM, CRISC, CGEIT, CDPSE, CCSK, ISO27001LA
2.	Sama Chaudhary	1 Year	4 Years	CEH
3.	Mohan Bapat	4 Years	10+ Years	CISA, ISO 27001LA
4.	Naushad Rajani	4 Years	10+ Years	CISSP, CISA, CCSK, CCSP
5	GCS Sharma	2 years	10+ Years	CISA, CFE, ISO27001LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Audited Cisco Webexplatform having Global Locations with project value of around INR 75 lacs.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

We focus more on compliance audits and use propriety tools.

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details :Yes

Accedere has the same promoter owned Audit organization in USA listed with [Colorado State, PCAOB and Cloud Security Alliance](#) and focusing on SOC 1 and SOC 2 Type 2 Audits for Cloud Data Security and Privacy.

12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes

Same promoter group office in Denver Colorado, USA.

*Information as provided by Accedere Limited on October 25, 2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s BHARAT ELECTRONICS LIMITED

1. Name & location of the empanelled Information Security Auditing Organization :

BHARAT ELECTRONICS LIMITED
Registered & Corporate Office
Outer Ring Road, Nagavara
Bangalore – 560045, Karnataka

Representing all its 9 units at Bangalore, Ghaziabad, Pune, Machlipatnam, Chennai, Panchkula, Navi Mumbai, Kotdwara, Hyderabad and 2 Central Research Laboratories at Bangalore and Ghaziabad.

2. Carrying out Information Security Audits since : **August 2015**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Web-server security audit(Y/N) : **Yes**
- Wireless security audit (Y/N) : **No**
- Mobile application security audit(Y/N) : **Yes**
- Stand-Alone application security audit(Y/N) : **Yes**
- Device security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Yes;**
Gap analysis w.r.t ISO 27001
- Secure SDLC Review (Y/N) : **Yes**
- Secure Code Review (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months:
(Reporting period: Oct 2019 to Sep 2020)

Govt.	:	-8-
PSU	:	-17-
Private	:	-Nil-
Total Nos. of Information Security Audits done	:	-25-

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**
(Reporting period: Oct 2019 to Sep 2020)

Network security audit	:	-Nil-
Web-application security audit	:	-17-
Web-server security audit	:	-4-
Wireless security audit	:	Nil-
Stand-Alone application security audit	:	-1-
Device security audit	:	-1-
Mobile application security audit	:	-2-
Compliance audits (ISO 27001, PCI, etc.)	:	-Nil-

6. Technical manpower deployed for information security audits :

CISSPs	:	-1-
BS7799 / ISO27001 LAs	:	-11-
CISAs	:	-Nil-
DISAs / ISAs	:	-Nil-
Any other information security qualification	:	-15-
M.Tech (Information Security) : <number of>	:	-2-
M.Tech (Cyber Security) : <number of>	:	-3-
M.Tech (Cyber Law & Information Security) : <number of>:	:	-1-
NPT : <number of>	:	-2-
CEH : <number of>	:	-9-
CCNSP : <number of>	:	-2-

CHFI : <number of> : -1-
 CSA : <number of> : -1-
 ACE : <number of> : -1-
 Total Nos. of Technical Personnel : -27-

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No	Technical Personnel's Name	Working with the organization since (month & year)	Information Security related qualifications (CISSP/ISMS LA / CISM/ CISA/ ISA etc., state as applicable)	Total experience in information security related activities (years)
1.	Ms. Anna Peter	Dec, 1991	Cyber Security Associate (CSA) 1.0	6+
2.	Ms. Shylaja K	Sep, 1999	PMP, ISMS LA, CCNSP, Trained on CCISO & CISSP	16+
3.	Ms. Bhagya Lakshmi A N	Oct, 2004	M.Tech (Software Systems), PMP, ISMS LA, NPT, Trained on CISSP	5+
4.	Ms. Poornima M	Nov, 2009	M.Tech (Cyber Security), CEH	3+
5.	Ms. Swathi M D	Sep, 2010	CEH	4+
6.	Ms. Akshatha S	Dec, 2018	Advanced Certification in Cyber Forensics	1+
7.	Mr. Deepak D	Nov, 2012	NPT, CEH	4+
8.	Mr. Kunal Mohan Sadalkar	Aug, 2011	M.Tech (Information Security)	8+
9.	Mr. Neeraj Kumar	Dec, 2014	M.Tech (Information Security), CHFI V8, ACE	8+
10.	Mr. Jagan Mohan Rao B	Apr, 1999	PMP, Trained on CISSP	8+
11.	Mr. Antony Benedict Raja G	Jun, 2010	CEH	5+
12.	Mr. Tarun Jain	Oct, 2010	CISSP	5+
13.	Mr. SandeepGadhvi	Jan, 2019	M.Tech (Cyber Security), ISMS LA	1+
14.	Mr. Viplav	Feb, 2019	M.Tech (Cyber Law & Information Security)	1+
15.	Mr. Gaurav Kataria	July 2007	M.Tech (Cyber Security), ISMS LA, CEH v10	10+
16.	Ms. KarunaShri	Dec 2010	ISMS Internal Auditor	3+
17.	Mr. Neeraj Kumar Singh	Dec 2010	CEH v10, ISMS Internal Auditor	3+
18.	Ms. Reshu Rani	Sep 2017	CEH v10	2.5+
19.	Mr. SagarVerma	Oct 2017	CEH v10, ISMS Internal Auditor	2+
20.	Mr. Akshit Singh	Oct 2018	CEH v10	1.5+
21.	Mr. Vaman A Naik	Mar, 1986	ISMS LA	6+
22.	Mr. Praveen Kumar H T	Jun, 2001	ISMS LA, CCNSP	14+
23.	Ms. Madhavi M	Jan, 2005	PMP, ISMS LA	3+
24.	Mr. Mrityunjaya P Hegde	Feb, 2010	PMP, ISMS LA	4+
25.	Mr. Srinivas T	Dec, 1993	ISMS LA	8+
26.	Mr. DeeprajShukla	Jun, 2009	ISMS LA	4+
27.	Ms. Padmapriya T	Sep, 2011	PMP, ISMS LA	2+

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Security Audit of NC3I Application – comprising of web application and standalone applications to acquire, store, process, integrate, correlate and display the tactical data in real time. The audit was conducted remotely through Team Viewer. This a high value project for the Indian Defence Customer.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Freeware			Commercial	Proprietary
Wireshark/ TCPDump	Ettercap	Dsniff	Nessus Pro	NSAT

Kali Linux	Ferret	Lynis	Nexpose	Scripts
Nmap/ Zenmap	Hamster	NSLookup	Metasploit Pro	
Sqlmap	IP scanner	Netcat	Burpsuite	
Nikto	Yersinia	OmegaDB	Acunetix	
Hydra	Ethereal	OpenZap	HP WebInspect	
John the Ripper	Echo Mirage	OpenVAS	HP Fortify	
Putty	WebScarab	Hping	IBM Appscan	
Whois	Tor's Hammer	Fiddler	Maxpatrol	
Scapy	W3af	SSLTest	Codenomicon	
Pyloris	Sparta	HTTPMaster	beSTORM	
LOIC	Directory Buster	Curl	IDAPro	
CSRF Tester	SMTP Ping	WireEdit	NetSparker	
Olllydbg	Hash-Identifier	Process Hacker		
MBSA	Cisco Auditor	Armitage		
TestSSLServer	SysInternals Suite	Open SSL		
Python / Powershell Scripts	Santoku Linux	Browser Plugins		
Qualys SSL	Genymotion	MobSF		

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **Yes**

New York Bharat Electronics Limited 53, Hilton Avenue Garden City New York – 11530, USA	Singapore Bharat Electronics Limited 06-01, PSL Industrial Building 156, Maopherson Road Singapore – 348 528	Srilanka Bharat Electronics Limited No. 385, 1st Floor Landmark Building, Galle Road Colombo – 03, Srilanka
Oman Bharat Electronics Limited No. 0402Z214, 2nd Floor Building No.4 Knowledge Oasis Muscat (KOM) PO Box 200, Postal Code 123, Al Rusayl, Sultanate of Oman	Myanmar Bharat Electronics Limited No. 53, The Strand Square Level 2, Unit #. 209, Strand Road, PabedanTsp, Yangaon, Myanmar	Vietnam Bharat Electronics Limited 10th Floor, TNR Power Hanoi Vietnam

* Information as provided by **Bharat Electronics Limited** on **23-10-2020**

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s CyRAAC Services Private Limited

1. Name & location of the empanelled Information Security Auditing Organization:

CYRAAC SERVICES PRIVATE LIMITED

2. Carrying out Information Security Audits since : **2017**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **Y**
- Web-application security audit (Y/N) : **Y**
- Wireless security audit (Y/N) : **Y**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Y**

4. Information Security Audits carried out in last 12 Months:

- Govt. : **1**
- PSU : **13**
- Private : **58**
- Total Nos. of Information Security Audits done : **72**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

- Network security audit : **36**
- Web-application security audit : **48**
- Wireless security audit : **12**
- Compliance audits (ISO 27001, PCI, etc.) : **8**

6. Technical manpower deployed for information security audits:

- CISSPs : **1**
- BS7799 / ISO27001 LAs : **4**
- CISAs : **1**
- DISAs / ISAs : **None**
- Any other information security qualification:
- QSA for PCI DSS** - **1**
- OSCP** - **1**
- CEH** - **4**
- CISM** - **1**
- CBCP** - **1**
- Total Nos. of Technical Personnel : **12**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1.	Murari Shanker	32 months	31	CISM, QSA for PCI DSS
2.	Suresh P	22 months	20	TOGAF 9
3.	Deepthi Bhatia	29 months	5	CISSP, CISA
4.	Ram Prasad	33 months	12	CEH, CHFI
5.	Anamika Patil	33 months	2	OSCP, CEH, ISO 27001 LA
6.	Varun Mokashi	16 months	1	CEH
7.	Uday Naik	16 months	2	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Information Security Compliance Framework for a Cloud Virtualization company

Scope: Gap Assessment, Compliance Framework Development and Certification Readiness for ISO 27001, ISO 27017, ISO 27018, SOC 2 and PCI DSS

Locations: India (Bangalore, Gurgaon, Pune), United States (San Francisco)

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tool	User
Nessus Professional	Infrastructure Scanning
Burp Suite	Penetration Testing / Web Application Scanning
Metasploit	Penetration Testing
Charles	Infrastructure Scanning
Nikto	Penetration Testing
SQLmap	Penetration Testing / DB Scanner
W3AF	Web Application Scanning
AirCrack-ng	Infrastructure Scanning
Netcat	Multipurpose Tool
TCPDUMP	Infrastructure Scanning / Sniffer
Wireshark	Infrastructure Scanning / Sniffer
Kismet	Infrastructure Scanning
WebScarab	Web Application Scanning
OpenSSL Toolkit	Infrastructure scanning
Fiddler / Firebug	Web Application Scanning
SQLNinja	Penetration Testing / DB Scanner
Nirsoft Suite	Multipurpose Toolset
Sysinternals Suite	Multipurpose Toolset
Frida	Mobile Application Penetration testing
Drozer	Mobile Application Penetration testing
QARK	Mobile Application Penetration testing
MobSF	Mobile Application Penetration testing
SuperAndroidAnalyzer	Mobile Application Scanning
Postman	API Penetration Testing
FuzzAPI	API Scanning
Astra	API Penetration Testing
Fortify SCA	Secure Code Review
PMD	Secure Code Review
Checkstyle	Secure Code Review
FingBugs	Secure Code Review
Source meter	Secure Code Review
SonarQube	Secure Code Review
VCG	Secure Code Review
Prowler	Cloud Configuration Review
Scout Suite	Cloud Configuration Review
Custom Scripts	Multipurpose

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization
If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

11. *Information as provided by **CYRAAC SERVICES PRIVATE LIMITED** on 21st October 2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT)

1. Name & location of the empanelled Information Security Auditing Organization :

**Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT)
47/A State IT Center, Arera Hills Bhopal, Madhya Pradesh- 462011**

2. Carrying out Information Security Audits since : **January 2013**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Y
- Web-application security audit (Y/N) : Y
- Wireless security audit (Y/N) : N
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : N
- Information Security Testing : Y
- Software Vulnerability Assessment : Y
- Penetration Testing : Y
- Information security policy review and assessment against best security practices : Y

4. Information Security Audits carried out in last 12 Months :

Govt. : **221**
 PSU : **0**
 Private : **0**
 Total Nos. of Information Security Audits done : **116**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **0**
 Web-application security audit : **221**
 Wireless security audit : **0**
 Compliance audits (ISO 27001, PCI, etc.) : **0**

6. Technical manpower deployed for information security audits :

CISSPs : 0
 BS7799 / ISO27001 LAs : 5
 CISAs : 0
 DISAs / ISAs : 0
 Any other information security qualification :
 CISA : 1
 CIISA : 1
 CCIE-Security : 1
 EC-Council ECIH : 1
 EC-Council CeH : 3
 Total Nos. of Technical Personnel : **7**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with MAP_IT	Experience in Information Security	Qualifications related to Information security
1	Ambar Pande	5 years 10 Months	1.2 years	ISMS LA
2	Vineet Tiwari	1 year 11 Months	1.2 years	ISMS LA

3	Priyank Soni	6 years 6 Months	10 years	ISMS LA, CEHv10, CISA(Exam)
4	Vasundhara Raghuwanshi	4 Years 7 Months	6 years	CIISA, CEHv10
5	Viral Tripathi	4 Years 11 Month	14 years	CCIE-Security
6	Rajesh Kushwaha	7 Years 5 Month	7 years	ISMS LA, CCNA-Security IINS, Fortinet Network Security Expert
7	Sourabh Singh Rathore	11 Months	9 years	Nessus VM, ISMA LA, ECIH, CEHv8

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

MP Power Transmission Company Limited
 Project consists of 7 different modules which were audited in different phases
 Complexity: Medium
 Location: Jabalpur
 Volume: 7 Modules
 No. of Static Pages in the application: 745
 No. of Dynamic Pages in the application: 680
 Project Value: Not Available

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial Tools:

- Micro Focus Webinspect (19.2.0)
- Burp Suite Professional (v 2020.9.2)
- Netsparker Professional (version 5.5.1.26518)
- Acunetix (10.5)

Freeware Tools:

- Kali Linux Framework
- OWASP-ZAP
- Nmap,
- Nikto, Metasploit, Vega ,Nessus

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

* Information as provided by **Madhya Pradesh Agency for Promotion of Information Technology (MAP_IT) on 23-Oct 2020**

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Maverick Quality Advisory Services Private Limited

1. Name & location of the empanelled Information Security Auditing Organization:

**MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED
123 RADHEY SHYAM PARK P.O SAHIBABAD
GHAZIABAD, U.P, INDIA – 201005**

2. Carrying out Information Security Audits since : **2005**

3. Capability to audit, category wise (add more if required)

- Network security audit(Y/N) : Yes
- Web-application security audit(Y/N) : Yes
- Wireless security audit(Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes
- Physical Access Controls & Security testing (Y/N) : Yes
- Software Vulnerability Assessment (Y/N) : Yes
- Penetration Testing (Y/N) : Yes
- Information Security Testing (Y/N) : Yes
- Business Continuity Planning / Disaster Recovery Audit (Y/N) : Yes
- Mobile Application Security Audit(Y/N) : Yes
- Window Application Security Audit(Y/N) : Yes

4. Information Security Audits carried out in last 12 Months:

Govt. : 155+
 PSU : 11
 Private : 89+
 Total Nos. of Information Security Audits done : 255+
 (In last 12 months)

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : 16+
 Web-application security audit : 224+
 Mobile Application Security Audit : 13+
 Window Application Security Audit : 1+
 Compliance audits (ISO 27001, PCI, etc.) : 25+

6. Technical manpower deployed for information security audits :

CISSPs : 1
 BS7799 / ISO27001 LAs : 8
 CISAs : 2
 CEH : 2
 Total Nos. of Technical Personnel : 13

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <Organization>	Experience in Information Security	Qualifications related to Information security
1	Anand Sarup Bhatnagar	8+ years	22 years	CISA,CISM,ISMS LA
2	Ashok Vardhan	15years	14years	ISMS LA
3	Vinit Maheshwari	15years	16years	ISMS LA
4	Manish Gupta	6+ Years	9 Years	CISA, CISM, ISO 31000
5	Raj Maheshwari	15years	9 years	ISMS LA
6	Alok Kumar	5+Years	3 Years	CEH

	Pandey			
7	Chandra Kishor Sharma	2 Years	2 Years	CEH
8	Sanjeev Gupta	5+years	10years	ISMS LA
9	G. Meenakshi	7+Years	10 Years	ISMS LA
10	Harish Gupta	9+years	18years	CISSP, MCSE, SYMANTAC Certified, RSA Certified
11	Pushkal Verma	2+ Years	6 Years	ISMS LA
12	Col. Sunil Yadav	5+ Years	9 Years	ISMS LA
13	Padmanabhan Srinivasan	4+Years	6 Years	ISMS LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Carrying out Web-Application Security audit for a Government Organization with value > INR 38 Lacs

Carried out Network Security Audit and Web-Application Security audit for a Private Organization with value > INR 15 Lacs

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Freeware

- Freeware
- Nmap
- Metasploit
- Netcat
- Ethereal
- SSLProxy
- STunnel
- VisualCodeGrepper
- Nikto
- Wireshark
- SQLMap
- Kali-Linux
- OWASP ZAP
- MobSF
- apktool
- Procmon
- Echo Mirage
- Postman
- Drozer
- SonarQube

Commercial

- Burp Suite
- Nessus
- NetSparker

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by **MAVERICK QUALITY ADVISORY SERVICES PRIVATE LIMITED** on 25-10-2020

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s RSM Astute Consulting Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization :

RSM Astute Consulting Pvt. Ltd. (www.rsmindia.in)

Headquarters (Mumbai):

301-307, A Wing, Technopolis Knowledge Park,
Mahakali Caves Road, Andheri (East),
Mumbai – 400093
Tel: (+91-22) 6108 5555

Bangalore Office:

3rd floor, B Wing, Jubilee Building,
45, Museum Road, Bengaluru-560025

2. Carrying out Information Security Audits since : 2011

3. Capability to audit , category wise (add more if required)

• Network security audit (Y/N)	:	Y
• Web-application security audit (Y/N)	:	Y
• Wireless security audit (Y/N)	:	Y
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Y
• IT General Controls	:	Y
• IT Policy Compilation	:	Y
• Vulnerability Assessment & Penetration Testing	:	Y
• IT Infrastructure Audit	:	Y
• Review of Applications Implementation (Both Pre & Post Implementation)	:	Y
• End Point Security Review	:	Y
• Application Security Review	:	Y
• Secure Code Review	:	Y

4. Information Security Audits carried out in last 12 Months :

Govt.	:	1
PSU	:	8
Private	:	42
Total Nos. of Information Security Audits done	:	51

5. Number of audits in last 12 months , category-wise

• Network security audit	:	7
• Web-application security audit	:	12
• Mobile Application Security Audit	:	4
• Wireless security audit	:	3
• Compliance audits (ISO 27001, PCI, etc.)	:	5
• IT General Controls	:	38
• Vulnerability Assessment & Penetration Testing	:	12
• IT Infrastructure Audit	:	2
• Review of Applications Implementation (Both Pre & Post Implementation)	:	4

6. Technical manpower deployed for information security audits :

CISSPs	:	1
BS7799 / ISO27001 LAs	:	18
CISAs	:	4
DISAs / ISAs	:	8
CEH	:	7
CCNA	:	2
Total Nos. of Technical Personnel	:	33

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations:

S. No.	Designation	Duration with RSM Astute Consulting	Experience in Information Security	Qualifications related to Information security
1	Executive Director	> 4 years	18 years	B.E, Master – IT, CISA, CISP, CISSP, CIISA, SAP-Net Weaver Security Certification, ISO 22301 Lead Implementor, ISO 27001 LA, ESCA
2	Executive Director	>15 Years	>3 Years	B.Tech, IIT Madras, Diploma in Industrial Management(PGDIM), ISO 27001 LA
3	Principal Consultant	< 1 year	16 years	ISO 27001 LA, Master of Finance and Control, SAP FI, Celonis Viewer, Analyst and Data Scientist
4	Principal Consultant	>15 Years	>3 Years	DME (Diploma in Mechanical Engineering) Certified Lead Auditor for ISO 27001, ISO 9001, ISO 45001
5	Associate Director	< 1 Year	19 Years	CA, DISA
6	Sr. Manager	> 6 years	12 years	CA, CISA, ISO 27001 LA
7	Sr. Manager	< 3 years	23 years	B.E, CISA
8	Sr. Manager	< 4 years	12 years	PGDBM, ISO 27001 LA
9	Sr. Manager	>1 year	10 years	B.Sc., CEH, OSCP, CCNA
10	Sr. Manager	< 1 year	5 years	BE, CISA, ISO 27001 LA
11	Asst. Manager	<4 years	< 4 years	CA, CISA
12	Asst. Manager	<1 year	< 2 years	CA, CISA
13	Asst. Manager	< 2 years	< 2 years	BSC-IT, MBA, CEH, ISO27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Clients	Details
World's leading IT & ITES Company	Information Security and Cyber Security Services for their 3 delivery centers in Mumbai, Pune and UK. The Project value was Rs. 2.63 Crores
India's leading Scheduled Bank	Review of application security, API security and mobile application security assessment for one of the largest Scheduled Banks. The assessment coverage was for 150 applications of the Bank: The scope involved: Application Security Assessment VAPT Mobile Application Security Assessment API Security Assessment The Project value was Rs.35,04,600/-
India's leading Private Bank	Review of Third Party Risk Management and determine Information Security maturity levels for the following domains <ul style="list-style-type: none"> • Business Objectives, Governance and Policy • Data Protection • Security Risk Management • Access Management • Organization and Resources • Incident Response • Third-Party/Vendor Management • Security Architecture

	<ul style="list-style-type: none"> • Infrastructure Resiliency • Security Awareness and Training The Project value was Rs.33,00,000/-
India's leading Oil Company	System review of core ERP system (i.e. SAP), business cycles and IT Audits. The scope covered 26 audits across Pan India. The Project value was Rs.22,50,000/-
Leading Indian consumer electrical equipment manufacturing company	The scope involved conducting enterprise wide Cyber Security Assessment for all their critical systems and assisting in establishing Information Security Framework along with policies and procedures. The Project value was Rs. 23,25,000/-

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Nessus Professional
- Kali Linux
- Nmap
- NetCat, NPing, HPing
- OpenSSL
- Wireshark
- Metasploit
- SQLMap
- Appscan
- Burp Suite Pro
- Owasp ZAP
- Nipper, Nipper-ng
- Checkmarx Static Code Analyzer.
- Python, PowerShell
- MobSF
- Magisk
- APKtool
- Echo Mirage

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No : **No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.)

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No : **Yes**

(RSM Astute Consulting Private Limited is an independent member firm of RSM International located at 50 Cannon Street, London, EC4N 6JJ – United Kingdom. RSM International is the 6th largest audit, tax and consulting network globally and has presence in 120 countries. Each member entity in respective country is a separate and independently owned entity)

12. Whether organization is a subsidiary of any foreign based organization? : Yes/No : **No**

13. Locations of Overseas Headquarters/Offices, if any : Yes/No : **N/A**

***Information as provided by RSM Astute Consulting Pvt. Ltd on 23rd October 2020**

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Sysman Computers

1. Name & location of the empanelled Information Security Auditing Organization :

**Sysman Computers
312, Sundram, Rani Laxmi Chowk, Sion Circle, Mumbai 400022**

2. Carrying out Information Security Audits since : **1991**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **YES**
- Web-application security audit (Y/N) : **YES**
- Mobile-application security audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **YES**
- Main business application audit : **YES**
- Cyber Forensics : **YES**
- IT GRC Consulting : **YES**
- Techno-legal compliance/consulting : **YES**
- Audit of Certifying Authorities/e-sign/RA/ASP : **YES**
- Audit of UIDAI AUA / KUA / ASA / KSA : **YES**
- Audit for ISNP / GICSI (IRDAI) : **YES**

4. Information Security Audits carried out in last 12 Months :

Govt. : **<number of>** : **03**
 PSU : **<number of>** : **15**
 Private : **<number of>** : **69**
 Total Nos. of Information Security Audits done : **87**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit: **<number of>** : **08**
 Web-application security audit: **<number of>** : **27**
 Mobile-application security audit: **<number of>** : **02**
 Wireless security audit: **<number of>** : **01**
 Compliance audits (ISO 27001, PCI, RBI): **<number of>** : **18**
 Cyber Forensics : **<number of>** : **05**
 IT GRC Consulting/Audit : **<number of>** : **05**
 Audit of CA/e-sign/RA/ASP : **<number of>** : **15**
 Audit of UIDAI AUA / KUA / ASA / KSA : **<number of>** : **04**
 ISNP/GICSI audits : **<number of>** : **02**

6. Technical manpower deployed for information security audits :

CISSPs : **<number of>** : **01**
 BS7799 / ISO27001 LAs : **<number of>** : **05**
 CISAs : **<number of>** : **04**
 DISAs / ISAs : **<number of>** : **01**
 Any other information security qualification: **<number of>** : **04**
 Total Nos. of Technical Personnel : **08**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Sysman	Experience in Information Security	Qualifications related to Information security
1	Dr. Rakesh M Goyal	Feb 1985	30 years	PhD, CISA, CISM, CCNA, CFE, CCCI
2	Vaibhav Banjan	May 2007	18 years	CISA, DISA

3	Anand Tanksali	April 2010	14 years	CCNA, CCSA
4	Winod P Karve	Sep 1999	22 years	CISA, ISO27001 LA
5	Mohammad Khalid	March 2011	11 years	CCNA, ISO27001 LA
6	Pallavi Goyal	April 2010	10 years	ISO27001 LA, CCNA, CEH
7	Ankur Goyal	March 2012	12 years	ISO27001 LA
8	Kiran Chugh	June 2015	13 years	CISA, CISSP, ISO27001 LA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. **IT Infrastructure with 150 servers, 2500+ nodes, 120 switches, 30 routers spread over 50 locations all over India along with matching DR site.**
2. **Application audit with 32 modules used by 6000 people**
3. **e-governance Web-application with 23 modules exposed to world**

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Mostly used - Nmap, Superscan, Nessus, Metasploit, Kali, SecurityForest, sqlmap, MBSA, Belarc, w3af, GFI, Aircrack, Nikto, Kismet, NetStumbler, WebSecurify, Burp Suite, Temper data, N-stalker, ZAP, Secure Auditor, Web developer toolbar. (others depending upon requirement). Finally Manual exploitation.

10. Outsourcing of Project to External Information Security Auditors / Experts : **NO**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

No. No outsourcing of assignment is done. But engagement of external known experts along with Sysman team is done, based on special skills required for any specific assignment.

For this, we have (a) Confidentiality and Non Disclosure Agreement; (b) adherence to IT Security and other Policies and (c) clear cut scope of work, with clear knowledge of client.

11. Whether organization has any Foreign Tie-Ups? : **NO**
If yes, give details : **NA**

12. Whether organization is a subsidiary of any foreign based organization? : **NO**
If yes, give details : **NA**

13. Locations of Overseas Headquarters/Offices, if any :

We are pure Desi organisation. There is no overseas HQ or office or branch.

*Information as provided by Sysman Computers on 25 October 2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Mirox Cyber Security & Technology Pvt Ltd

1. Name & location of the empanelled Information Security Auditing Organization :

Name : - Mirox Cyber Security & Technology Pvt Ltd
 Location: - 4th Floor Nila Technopark Trivandrum 695581 Kerala India
 Phone +91 471 4016888
 Phone +91 471 4000545
 Mobile+91 9995199499,
 Mobile +91 9995799499
 Email- rb@miroxindia.com
 Email- cert@miroxindia.com
 Email- rbmirox2000@gmail.com

2. Carrying out Information Security Audits since : **2010**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : YES
- Application VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- Network VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- Mobile Application VAPT - (Vulnerability Assessment & Penetration Testing) : YES
- IOT Security Testing : YES
- Social Engineering Test : YES
- Secure Code Review : YES
- Host Security Assessments : YES
- Database Security Audit & Assessment : YES
- Device Security Audit & Assessment : YES
- Telecom Security Audit & Assessment : YES
- SCADA VAPT : YES
- Electronic Security Audit : YES
- Risk Assessments : YES
- ERP Security Audit & Assessment : YES
- Infrastructure Security Audit : YES
- Big Data Security Audit & Assessment : YES
- Cyber forensic Analysis : Yes
- Security Architecture Review : Yes
- Data Center Security Audit & Assessment : Yes
- Cloud Applications VAPT : Yes
- Threat Assessment : Yes
- SOC - Security Operation Center Audit & Assessment : Yes
- Managed Security Service : Yes
- Automotive Security Audit : Yes
- AI - Artificial Intelligence Security Audit : Yes
- ML- MACHINE LOG AUDIT : Yes
- Satellite Communication Device & System Audit : Yes
- Data Localization Security Audit : Yes
- Ransomware Rescue Analysis & Forensic Investigation : YES
- SOAR - Security Orchestration, Automation and Response Audit & Review : YES

4. Information Security Audits carried out in last 12 Months :

Govt. : **63**
 PSU : **7**
 Private : **90**
 Total Nos. of Information Security Audits done : **160**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

• Network security audit	:	25
• Web-application security audit	:	95
• Wireless security audit	:	25
• Compliance audits (ISO 27001, PCI, etc.)	:	10
• Penetration Testing	:	75
• Mobile Applications Testing	:	50
• IOT & Device Audit	:	1
• ERP Audit	:	1
• Automotive Audit	:	1
• Database Security Audit	:	10
• Security Architecture Review	:	4
• Threat Assessment	:	2
• Social Engineering Test	:	3
• Cyber forensic Analysis	:	2
• Risk Assessment	:	2
• Infrastructure Security Audit	:	5
• Electronic Security Audit	:	1
• Log analysis audit	:	2
• Independent Verification & Validation	:	2
• SOAR Security Orchestration, Automation and Response Audit & Review	:	1

6. Technical manpower deployed for information security audits :

CISSPs	:	1
BS7799 / ISO27001 LAs	:	3
CISAs	:	2
DISAs / ISAs	:	2
Core Technical Security Experts	:	10
Any other information security qualification	:	6
Total Nos. of Technical Personnel	:	18

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Rajesh Babu	10	14+	CEH/Security Expert Certified/CISO/Risk Assessment
2.	Lalit	1	16+	Lead Auditor ISO 27001:2005 , - ISO 22301:2012 , - ISO 9001:2015 (Information Security Management System)
3.	Harish V	4.5	4.5 +	CEH, Security Certified
4.	Amal TK	2	2 +	Security Certified
5.	Ananthulal	1	1+	CEH, Security Certified
6	Anas SA	2	2+	M.SC Cyber Security
7	Pradeep KK	1	15 +	Lead Auditor for ISO 27001, Lead Auditor for ISO 9001, Qualified Auditor for ISO 14001, CSQP
8	Manoj VN	1	15 +	Lead auditor for Quality Management System (ISO 9001)Lead auditor for EMS Qualified auditor for OHSAS (Safety & Security)
9	Nandu	1	2+	Electronic Security Certified
10	Vishnu	1	1	CEH, Security Certified

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Done the largest Infrastructure Security Audit and Assessment more than 16000 machines plus Enterprise UTM/IDS/IPS/SIEM/ Routers and other related IP based devices etc...for an US Based company and Kerala State Government SECWAN network 5000 plus.
- Done The Security Testing for World's 3rd largest image and video content portal for an UK based Enterprise. Its owned and stock more than 100 millions video and image contents.
- Done the Infrastructure SOAR Platform audit for largest Retail based network

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

S.No.	Tools	Opensource/Licensed
1	Acunetix	Licensed
2	Nessus	Licensed
3	SE-SMSer	Opensource
4	acccheck	opensource
5	ace-voip	opensource
6	Amap	opensource
7	arp-scan	opensource
8	Automater	opensource
9	bing-ip2hosts	opensource
10	braa	opensource
11	CaseFile	opensource
12	CDPSnarf	opensource
13	cisco-torch	opensource
14	Cookie Cadger	opensource
15	copy-router-config	opensource
16	DMitry	opensource
17	dnmap	opensource
18	dnsenum	opensource
19	dnsmap	opensource
20	DNSRecon	opensource
21	dnstracer	opensource
22	dnswalk	opensource
23	DotDotPwn	opensource
24	enum4linux	opensource
25	enumIAX	opensource
26	EyeWitness	opensource
27	Faraday	opensource
28	Fierce	opensource
29	Firewalk	opensource
30	fragroute	opensource
31	fragrouter	opensource
32	Ghost Phisher	opensource
33	GoLismero	opensource
34	goofile	opensource
35	hping3	opensource

36	ident-user-enum	opensource
37	InSpy	opensource
38	InTrace	opensource
39	iSMTP	opensource
40	lbd	opensource
41	Maltego Teeth	opensource
42	masscan	opensource
43	Metagoofil	opensource
44	Miranda	opensource
45	nbtscan-unixwiz	opensource
46	Nmap	opensource
47	ntop	opensource
48	OSRFramework	opensource
49	p0f	opensource
50	Parsero	opensource
51	Recon-ng	opensource
52	SET	opensource
53	SMBMap	opensource
54	smtp-user-enum	opensource
55	snmp-check	opensource
56	SPARTA	opensource
57	ssllcaudit	opensource
58	SSLsplit	opensource
59	sslstrip	opensource
60	SSLyze	opensource
61	Sublist3r	opensource
62	THC-IPV6	opensource
63	theHarvester	opensource
64	TLSSLed	opensource
65	twofi	opensource
66	URLCrazy	opensource
67	Wireshark	opensource
68	WOL-E	opensource
69	Xplico	opensource
70	BBQSQL	opensource
71	BED	opensource
72	cisco-auditing-tool	opensource
73	cisco-global-exploiter	opensource
74	cisco-ocs	opensource
75	cisco-torch	opensource
76	copy-router-config	opensource
77	DBPwAudit	opensource
78	Doona	opensource
79	DotDotPwn	opensource
80	HexorBase	opensource

81	Inguma	opensource
82	jSQL	opensource
83	Lynis	opensource
84	Nmap	opensource
85	ohrwurm	opensource
86	openvas	opensource
87	Oscanner	opensource
88	Powerfuzzer	opensource
89	sfuzz	opensource
90	SidGuesser	opensource
91	SIPArmyKnife	opensource
92	sqlmap	opensource
93	SqlNinja	opensource
94	sqlsus	opensource
95	tnscmd10g	opensource
96	unix-privesc-check	opensource
97	Yersinia	opensource
98	Armitage	opensource
99	Backdoor Factory	opensource
100	BeEF	opensource
101	Commix	opensource
102	crackle	opensource
103	exploitdb	opensource
104	jboss-autopwn	opensource
105	Linux Exploit Suggester	opensource
106	Maltego Teeth	opensource
107	Metasploit Framework	opensource
108	MSFPC	opensource
109	RouterSploit	opensource
110	Airbase-ng	opensource
111	Aircrack-ng	opensource
112	Airdecap-ng and Airdecloak-ng	opensource
113	Aireplay-ng	opensource
114	Airmon-ng	opensource
115	Airodump-ng	opensource
116	airodump-ng-oui-update	opensource
117	Airolib-ng	opensource
118	Airserv-ng	opensource
119	Airtun-ng	opensource
120	Asleap	opensource
121	Besside-ng	opensource
122	Bluelog	opensource
123	BlueMaho	opensource
124	Bluepot	opensource
125	BlueRanger	opensource

126	Bluesnarfer	opensource
127	Bully	opensource
128	coWPAtty	opensource
129	crackle	opensource
130	eapmd5pass	opensource
131	Easside-ng	opensource
132	Fern Wifi Cracker	opensource
133	FreeRADIUS-WPE	opensource
134	Ghost Phisher	opensource
135	GISKismet	opensource
136	Gqrx	opensource
137	gr-scan	opensource
138	hostapd-wpe	opensource
139	ivstools	opensource
140	kalibrate-rtl	opensource
141	KillerBee	opensource
142	Kismet	opensource
143	makeivs-ng	opensource
144	mdk3	opensource
145	mfcuk	opensource
146	mfoc	opensource
147	mfterm	opensource
148	Multimon-NG	opensource
149	Packetforge-ng	opensource
150	PixieWPS	opensource
151	Pyrit	opensource
152	Reaver	opensource
153	redfang	opensource
154	RTLSDR Scanner	opensource
155	Spooftooph	opensource
156	Tkiptun-ng	opensource
157	Wesside-ng	opensource
158	Wifi Honey	opensource
159	wifiphisher	opensource
160	Wifitap	opensource
161	Wifite	opensource
162	wpaclean	opensource
163	apache-users	opensource
164	Arachni	opensource
165	BBOSQL	opensource
166	BlindElephant	opensource
167	CutyCapt	opensource
168	DAVTest	opensource
169	deblaze	opensource
170	DIRB	opensource

171	DirBuster	opensource
172	fimap	opensource
173	FunkLoad	opensource
174	Gobuster	opensource
175	Grabber	opensource
176	hURL	opensource
177	jboss-autopwn	opensource
178	joomscan	opensource
179	jSQL	opensource
180	Maltego Teeth	opensource
181	PadBuster	opensource
182	Paros	opensource
183	Parsero	opensource
184	plecost	opensource
185	Powerfuzzer	opensource
186	ProxyStrike	opensource
187	Recon-ng	opensource
188	Skipfish	opensource
189	sqlmap	opensource
190	SqlNinja	opensource
191	sqlsus	opensource
192	ua-tester	opensource
193	Uniscan	opensource
194	Vega	opensource
195	w3af	opensource
196	WebScarab	opensource
197	Webshag	opensource
198	WebSlayer	opensource
199	WebSploit	opensource
200	Wfuzz	opensource
201	WPScan	opensource
202	XSSer	opensource
203	Burpsuite	Commercial
204	Google Nogotofail	Opensource
205	ImmuniWeb	Opensource
205	zaproxy	opensource

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s AQM Technologies Pvt Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:

AQM Technologies Pvt Ltd.
Mumbai, India

2. Carrying out Information Security Audits since:

**Year 2001 - (erstwhile AUDITime Information Systems Ltd.)
Year 2018 (AQM Technologies Pvt. Ltd.)**

3. Capability to audit, category wise (add more if required)

Network security audit (Y/N):	Y
Web-application security audit (Y/N):	Y
Wireless security audit (Y/N):	Y
Compliance audits (ISO 27001, PCI, etc.) (Y/N):	Y
Cyber Security & CSOC Audits	Y
Cloud & DC, DR, BCM (ISO 22301) Audits	Y
Source Code Reviews	Y
IT Application / ERP Audits	Y
IT Security & Infrastructure Audits	Y
Vulnerability Assessments & Pen Testing (Mobile/WebApps)	Y
Third Party / Outsourcing / Vendor Audits	Y
Functional Audits (BFSI/CBS/ Treasury / GL/ Recon) Audits	Y
SWIFT / ATMs/ Switch/ API/ Payment Gateway Audits	Y
Data& Technical Migration & Pre / Post Implementation Audits	Y
IT M&A / Due Diligence Audits	Y
Concurrent Audits – DC, Application, ITGC & Security Audits	Y
Assurance of IT Audits	Y
AUA/ KUA Audits	Y

4. Information Security Audits carried out in last 12 Months:

Govt.	:	12
PSU	:	5
Private	:	17
Total Nos. of Information Security Audits done	:	34

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**):

Category	Number
Network security audit	21
Website /Web application security audit	73
Cyber Security / Compliance Audit	9
Application audit	5
Mobile Application Audit	29
Source Code Review	1
Server Configuration Audit	9

Server VAPT	4
Database Audit	4
Data Migration Audit	2

6. Technical manpower deployed for information security audits:

Technical Competence	Number
CISSPs:	1
BS7799 / ISO27001 LAs:	4
CISAs :	7 (Certified) +2 (Certification Pending)
DISAs / ISAs :	0

Any other information security qualification:

CISM, CISE, CFE, CEH, ECSA, CHFI, CCNA, CND CISC, CDAC (PG-DITISS), M.Sc(Forensic sciences), CDCP, CDPO, Diploma in Cyber Law, CDAC (ITSS), Networking, Win Ad & Linux, Cloud Star Certified, CPSE

Total Nos. of Technical Personnel:24

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required): **Refer Annexure.**

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value:

1. **Bandhan Bank -**

1. APIs/ Middleware, Mobile Banking & Mobile based payment systems
2. Application Security, ATM switch audits
3. Vulnerability Assessments & Pen testing
4. Cyber security framework, BioMetric Authentication, Network Infra
5. NACH, SFMS, RTGS, NEFT, Corporate Internet Banking, Debit Cards System
6. Active Directory, OS & Databases
7. Network & Security Device
8. Configuration Review
9. Third Party (vendor Audits)

[security audits across multiple platforms, different regions with GRUH Finance integrated with Bandhan Bank systems – Appls, Databases, APIs, Network, Infra and Third Party audits] –

approx. Appl/ API/ Infra counts: ~ 200

Value : INR < 25 lacs

2. **UCO Bank –**

1. Penetration testing
2. Vulnerability Assessments
3. Source Code Audits

3. **[VA & PT across multiple platforms including UPI systems, type of testing – Black box / Grey box / White box) including source code audits – includes mobile, App – web / thick client / standalone]**

4. **Periodic Testing / Quarterly / Half yearly –[multi year]**

5. **approx. Appl/ Source Code Audits/ Infra counts:> 450**

Value : INR < 20 Lacs [periodic]

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Tool Name	Purpose
Acunetix	Web Application VA
Burp suite	Web App, Mobile App, API VAPT,
SoapUI	API VAPT
CheckMarkx	Source Code Review & Web App PT
Nessus	Server VA, Network VA, Cloud VA
Qualys	Server VA, Network VA, Cloud VA
Python scripts (proprietary)	Server/Network/Web application VAPT
Logcat	Mobile Application VAPT

Other Tools	
Kali Linux	Mobile application VAPT, Web Application VAPT, Server VAPT, Network + WiFi VAPT.
JD-GUI / DEX2JAR/ APKTOOL/ Drozer/ MOBSF	Mobile Application VAPT
POSTMAN	Web services and API Testing automated tool
Wireshark	Network protocol analyser
Ettercap	network sniffing / intercepting / logger for ethernet LANs
OWASP Zed Attack Proxy/ SQLMap/ Iron Wasp/ Nikto	Web application security scanning
SSL Qualys server lab	SSL Scanner
NetCraft / NMAP	Internet security services checks/ assessment (e.g.: anti-fraud and anti-phishing services and PCI scanning, Port scanning)
Metasploit Framework / Netcat	Exploit code development framework for Pentesting
EchoMirage	Thick Client VA & PT

10. Outsourcing of Project to External Information Security Auditors / Experts: Yes/No: **NO**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details: Yes/No:**NO**

12. Whether organization is a subsidiary of any foreign based organization:Yes/ No: **NO**
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any: Yes/No:**NA**

* Information as provided by **AQM Technologies Pvt Ltd. On 26th Oct 2020.**

ANNEXURE - Details of Team: Details of technical manpower deployed for information security audits

S. No.	Name	Email & Phone	Duration with AQM	Experience in Information Security	Qualification and Certification
1.	Madhav Bhadra	Madhav.Bhadra@aqmtechnologies.com	19 Years	19 Years	CA, CISA
2.	Ritesh Kotecha	Ritesh.Kotecha@aqmtechnologies.com	14 years	14 years	CA, CISA
3.	Dhruvi Patel	dhruvi.patel@aqmtechnologies.com	16 Years	16 Years	ICWA, CISA, ISO 20000
4.	Sanjay Jitendra Parikh	sanjay.parikh@aqmtechnologies.com	4 Years	19 Years	CISA, CISM (certification pending), CDPO, PGDM (Computers), ITIL v3 IT Service Management, Certification in Business Analytics
5.	Rasika Manoj Patil	rasika.patil@aqmtechnologies.com	4 Years	4 Years	ME (Computer Science), B.Sc, CISA, CISM, MCSE
6.	Ruchika Agrawal	ruchika.agrawal@aqmtechnologies.com	3Years	3Years	B. Tech (Information Technology), CDAC (PG-DITISS), ECSA
7.	Mahesh Vaman Harkulkar	mahesh.harkulkar@aqmtechnologies.com	2 Years	2 Years	B.E. (Computer Engineering), CDAC (PG-DITIS), CEH v10
8.	Akash Bharat Chavan	akash.chavan@aqmtechnologies.com	2 Years	2 Years	B.E. (Electronics and Telecommunication), PG-DITISS, CDAC, CEH v10
9.	Chaitanya S. Anant	chaitanya.anant@aqmtechnologies.com	2 Years	2 Years	B.E., CDAC, CEH, CIH V2
10.	Nimesh Kacha	Nimesh.Kacha@aqmtechnologies.com	2 Years	2 Years	B.Sc. (Computer Science), CEH, DIPLOMA IN CYBER LAW, ISO 27001 LA
11.	Ankit Sharma	Ankit.Sharma@aqmtechnologies.com	2 Years	2 Years	B. Sc (IT), CEH, ECSA, CHFI, ISO 27001 LA
12.	Devender Tinwal	devender.tinwal@aqmtechnologies.com	1.5 Years	1.5 Year	CISA (Certification Pending),
13.	Kajol Mogra	Kajol.Mogra@aqmtechnologies.com	1.5 Years	1.5 Year	B.Sc., Masters in Forensic Science, CEH v10
14.	Vaibhav Mali	Vaibhav.Mali@aqmtechnologies.com	1 Year	12 Years	BSc (Computer Science), MBA, ITILv4, , PRINCEv2, CCNA, MCSE, , MCTS & MCP, JNCIA
15.	Durgesh P. Badgujar	Durgesh.Badgujar@aqmtechnologies.com	1.5 Year	1.5 Years	CDAC, CEH v10
16.	Ravindra A	Ravindra.A@aqmtechnologies.com	< 1 year	12 Years	BE, MBA, Dip in Ind. Mgmt, Chartered Engineer, CISA, CDPSE, ISO 27001 LA, ISO22301-BCMS LI, ISO27701 PIMS LI, CDCP, CSA Star Certification Auditor, Risk & Compliance Mgmt Professional, Project Mgmt Professional.
17.	Nakul	Nakul.Dhamale@aqmtech	1	1 Year	B.E E&TC(2016), CDAC (PG-

	Dhamale	nologies.com	Year		DITISS), CEH v10
18.	Rohit Gondane	rohit.gondane@aqmtechnologies.com	< 1 year	1 Year	B.E (IT), CEH v10
19.	Govind Boddepalli	govind.boddepalli@aqmtechnologies.com	< 1 year	4Years	CEH v10, CHFI, LPT
20.	Sridhar Pulivarthy	sridhar.pulivarthy@aqmtechnologies.com >	< 1 year	18 years	CISA, CISSP, CRISC, ZED Certified Consultant, CFE, PfMP, CCSE, PMP, ITIL Practitioner, ITIL Expert V3, PRINCE2® Foundation Certification Training, ISO 20000 Lead Auditor, ISO 27001 Lead Auditor, ISO 9001 Lead Auditor, CMMi Assessor (Internal), SSCA, SCNA, Rational Tools Expert (ClearCase Admin & ClearQuest Admin), Oracle Certified Professional (OCP)
21.	Gargi Vidyadhar Kulkarni	Gargi.Kulkarni@aqmtechnologies.com	1 Year	1 Year	CCNA, CEH v10
22.	Saurabh Jadhav	Saurabh.Jadhav@aqmtechnologies.com	1 Year	1 Year	BE, CDAC PG-DITISS, CEH v10
23.	Usha Nanduri	usha.nanduri@aqmtechnologies.com >	1 Year	7 Years	CISA –(Certification Pending)ISO 27001:2013 - Certified Internal Auditor, CSM - Certified Scrum Master -Agile, CSQA ,CSTE - Certified Software Quality Analyst, Test Engineer, Six Sigma Green Belt Certification, Project Management Professional (PMP)- PMI -PMP Trained, SOX and IT Audits - ISACA Trained
24.	Shankar Vela	shankar.vela@aqmtechnologies.com	>1	3.5 years	B.Tech, CEH v10

Back

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Centre for Development of Advanced Computing (C - DAC)

1. Name & location of the empanelled Information Security Auditing Organization :

**Centre for Development of Advanced Computing (C - DAC),
Plot No. 6 & 7, Hardware Park,
Sy No. 1/1, Srisailem Highway,
Pahadi Shareef Via Keshavagiri (Post), Hyderabad - 501510**

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **YES**
- Web-application security audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **YES**
- Mobile security audit : **YES**
- IT Security policy and documentation : **YES**

The following are in detailed list of different security services provided by C-DAC

IT Audit and Compliance Services	Assessment Services	Consultancy Services	Other Security Services
- OWASP compliance Security audit of web applications and web services	- Perimeter Security Testing	- ISMS Consultancy	- Incident Handling
- Infrastructure audit in compliance to CIS, DISA, PCI, NIST etc.,	- System hardening	- Governance, Risk and Compliance development	- Intrusion Analysis
- Applications – OWASP, PCI-DSS, NIST, CIS, DISA etc.,	- Web Apps Security Assessment & Vulnerability Assessment	- Security Policy Implementation & Threat Modeling	- Malware Analysis
- ISMS, PCI, UIDAI, RBI, CCA, Data Protection and Privacy Act etc.	- Penetration Testing	- Establishment of compliance to standards	- Policy Gap Analysis
- OWASP compliance security audit of mobile applications	- Wireless Network Assessment	- Security Architecture Development and Implementation	- Implementation of Security services
- Infrastructure Security Audit	- Architecture Review	- Managed Security Service Providers for SOC	- Design & development of policies, procedures and guidelines
- Abuse based audit	- Host configuration review (Window, Linux, Cisco, Juniper...)	- Establishment of BCP/DR	- Risk Management and Disaster Recovery Services
- Framework based / Ecosystem Audit	- Wireless Assessment	- Establishment of e-Sign Infrastructure as per CCA	- Business Continuity Process Development
- Forensics Audit	- Identity and Access Control (Multifactor authentication & Multimodal Biometrics)	- CCMP (Cyber Crisis management Plan)	- Information Security Awareness Training
	- Assessment of Surveillance Security (Physical and Technical)	- Incident Response Management	- High End Information Security training for organizational needs
	- Application Secure SDLC assessment		- Risk Assessment
	- Data Leakage prevention and Data Classification		- Log Analysis
	- Product Review		- Incident Analysis
			- Database analysis

4. Information Security Audits carried out in last 12 Months :

Govt. : **311**
 PSU : **06**
 Private : **11**
 Total Nos. of Information Security Audits done : **328**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

- Network security audit : 20
- Web-application security audit : 299
- Mobile Application Security Audits : 35
- Compliance audits (UIDAI, CCA, ISO 27001 etc.) : 16

6. Technical manpower deployed for information security audits : Refer table below at Point No.7

CISSPs : 2
 BS7799 / ISO27001 LAs : 3
 CISAs : 0
 DISAs / ISAs : 0
 Any other information security qualification : **Refer table below**
 Total Nos. of Technical Personnel : 44

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Associated with C-DAC since	Experience in Information Security	Qualifications related to Information security
1.	Murthy.Ch.A.S	May, 1999	18+	<ul style="list-style-type: none"> • ISMS LA • SANS - GAWN • SANS - GXPN • CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA
2.	Eswari PRL	Feb 2000	19+	<ul style="list-style-type: none"> • CERT-CC Certified Incident Handling, Forensics Analysis and Network Security in CMU, USA • GREM
3.	Indraveni.K	July 2005	14+	<ul style="list-style-type: none"> • SANS GWAPT • SANS Advanced Web Application Penetration Testing and ethical hacking • ISMS LA
4.	Ravi Kishore Koppuravuri	Mar-08	11	<ul style="list-style-type: none"> • GIAC Web Application Penetration Tester (GWAPT) from SANS
5.	Tatikayala Sai Gopal	Feb 2007	12	<ul style="list-style-type: none"> • GIAC Security Essentials (GSEC)
6.	C Sireesha	Feb-07	12	<ul style="list-style-type: none"> • GIAC Certified Web Application Defender (GWEB)
7.	Jyostna G	Mar 2006	13	<ul style="list-style-type: none"> • GMOB
8.	Mahesh Patil	Aug-04	15	<ul style="list-style-type: none"> • GREM, ECSA, CEH7
9.	Sandeep Romana	Sep-07	12	<ul style="list-style-type: none"> • CISSP
10.	T K Vishnu Priya	2015	5	<ul style="list-style-type: none"> • CEH
11.	T Sushma	2015	5	<ul style="list-style-type: none"> • CEH
12.	Nandeeshwar B	2008	11	<ul style="list-style-type: none"> • CEH , EC-Council

S. No.	Name of Employee	Associated with C-DAC since	Experience in Information Security	Qualifications related to Information security
				<ul style="list-style-type: none"> • ECSA • ISMS LA
12	M K Chaitanya	Sep 2006	18	PG Diploma
13	Rakesh T	2006	13	<ul style="list-style-type: none"> ➤ CISS (ISC2) ISMS-LA, Indian Institute of Quality Management, STQC
14	Varun Jain	2008	10	ECSA, CISP (STQC)
15	Satish Babu	2012	7	CISP (STQC)
16	Amit Kr Singh	2012	7	M.Tech
17	Tarun Kumar	2012	7	CISP (STQC)
18	Rishabh Chauhan	2017	2	PGDITSS
19	Shivam Mishra	2018	1	PGDITSS
20	Ritesh Dwivedi	2018	1	PGDITSS
21	Navdeep Singh Chahal	2010	9	ECSA, CISP
22	Harpreet Singh	2013	6+	-
23	Sukhmeet Singh	2016	5+	-
24	Chetan Soni	2012	8	-
25	Daveet Singh	2012	7+	CISP, RHCE
26	U V Sudharshan	2018	2	-
27	Danish Inamdar	2018	3	-
28	G Prashant	2018	2	-
29	Anupam Chanda	2009	10	ECSA, STQC-CISP, SANS FOR-408, SANS FOR-508
30	Kousik Maiti	2014	5	ECSA, RHCSA, Cellbrite CCO, Cellebrite CCPA, SANS FOR-585, MOBILedit Certified
31	Aniruddha Datta	2014	5	CCNA, Pursuing CHFI, Cellbrite CCO, Cellbrite CCPA, MOBILedit Certified
32	Sourav Mitra	2014	5	CHFI, Win 10 Forensics (Access Data), Mac Forensics (BlackBag), SANS LEG -523
33	Tyeb Naushad	2008	11	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Largest Projects handled with following Clients

Network Infrastructure Audits	Web application Types	Other Audits
<p>Various State and Central Government Network Infrastructure Audits</p> <ul style="list-style-type: none"> • Kerala Metro Rail Corporation Limited • Sardar Vallabhai Patel National Police Academy • Delhi Metro Rail Corporation (DMRC), Delhi • The Power Grid Corporation of India Limited • Ship Building Centre , Visakhapatnam • IDRBT, Hyderabad • DRDL, Hyderabad • RailTel, Secunderabad • National Informatics Centre (NIC), Delhi • Mumbai Port Trust • New Mangalore Port Trust (NMPT) • Centre For Good Governance (CGG), Telengana Government • Research Centre Imarat (RCI), Hyderabad • Insurance Information Bureau (IIB) • Oriental Bank of Commerce • Defense missionary development establishment (DMDE) • Quality Assurance Organizations across the country – DQGA, CQAE, SQAE etc., • Goa Shipyard Limited • Aeronautical Development Agency (ADA), Bangalore • Haryana state data center • Department of Defence Production, Delhi • NeSL 	<p>State and Central Government Information Websites</p> <ul style="list-style-type: none"> • Police Academy, CGG, Telengana Government, PRL • Govt. Schemes for public – Mamta (women), Adolescent Care • Government Lockers – Digi Locker • Bureau of Indian Standards • Ceg Karnataka <p>Tendering Website</p> <ul style="list-style-type: none"> • RCI eProcurement • Haryana government • Centre for eGovernance (CeG), Karnataka <p>Financial Sector</p> <ul style="list-style-type: none"> • State Bank of India • National Payment Corporation of India (NPCI) • ICICI, HDFC, FINO • Payment gateway compliance check (SBI) • Bank of Bahrain & Kuwait BSC, Hyderabad <p>Web applications</p> <p>AP Board, Telengana Board, UGC , NGRI, Powergrid , Insurance Information Bureau of India(IIB), Novatrice Technologies Pvt Ltd, ECIL, ICAR Hyderabad, Kochi metro Rail, Acute Informatics , Rajasthan State cooperative Bank , Digital India, BSNL, Punjab Roads & Bridges Development Board (PRBDB), National e Governance Division, POSOCO etc.,</p>	<p>Mobile Applications</p> <ul style="list-style-type: none"> • State Bank of India • Hyderabad Police • Centre for good Governance • State government applications • Haryana Government mobile applications • Secure Channel Mobil app • Haryana government mobile apps • Odisha Police • Punjab tax department • Agriculture Department – digital kiosks

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): COMMERCIAL

Freeware		Commercial
1. Arachni	16. Httprint	1. Acunetix
2. OWASP ZAP	17. Curl	2. Burpsuite Professional
3. Nmap	18. Tcpdump	3. Nessus
4. Nikto	19. Fimap	4. Core Impact
5. Netcat	20. SwfScan	5. Netsparker
6. W3af	21. Hydra	6. BeStorm
7. Wapiti	22. John the Ripper	7. HCL AppScan
8. Sqlmap	23. Ssltest	8. Splunk
9. Zaproxy	24. Sslstrip	9. Nipper
10. Skipfish	25. Cain and Abel	10. Network Miner
11. Backtrack , Kali	26. Brutus	
12. Openssl	27. Airmon -ng	
13. Dirbuster	28. Hping	
14. Wireshark	29. Scapy	
15. Loki	30. wsfuzzer	

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No : **NO**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No : **NO**
12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No : **NO**
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : Yes/No : **YES**

Lead centre for all other CDAC centers and Security Audit Certificate Issuance Centre

Centre for Development of Advanced Computing (C - DAC), Plot No. 6 & 7, Hardware Park, Sy No. 1/1,
Srisaillam Highway, Pahadi Shareef Via Keshavagiri (Post),
Hyderabad – 501510

Corporate office: Centre for Development of Advanced Computing (C-DAC)
Pune University Campus, Ganesh Khind, Pune - 411 007, Maharashtra (India)
Phone:+91-20-2570-4100, Fax: +91-20-2569 4004

Registered Offices Locations in India with complete address :

Sl. No	Location	Address for Communication
1	Bengaluru	<p>C-DAC Knowledge Park Opp. HAL Aeroengine Division Old Madras Road, Byappanahalli Bengaluru - 560 038 Karnataka (India) Phone: +91-80-6611 6400/01/02/03, 25244059/25246823/25246826 Fax: +91-80-2524-7724</p> <p>C-DAC Electronics City 68, Electronics City Bengaluru - 561229 Karnataka (India) Phone:+91-80-2852-3300 Fax: +91-80-28522590</p>
2	Chennai	<p>C-DAC Tidel Park, 8th Floor, 'D' Block(North & South), No.4 Rajiv Gandhi Salai,Taramani, Chennai- 600113 Phone:+91-44-22542226/7 Fax: +91-44-22542294</p>
3	Delhi	<p>C-DAC First and Second Floors E - 25, Hauz Khas Market New Delhi - 110016. India Phone:+91-11-26510221 Fax: +91-11-26510207</p>
4	Hyderabad (Certificate Issuance Centre)	<p>C-DAC Plot No. 6 & 7, Hardware Park, Sy No. 1/1, Srisaillam Highway, Pahadi Shareef Via (Keshavagiri Post) Hyderabad - 501510 Telangana(India)</p>

Sl. No	Location	Address for Communication
		Phone:+91-9100034446/3447/3448 Fax: +91-9100034450
5	Kolkata	C-DAC Plot - E-2/1, Block-GP, Sector-V Salt Lake Electronics Complex Bidhannagar, Kolkata - 700 091 Westbengal (India) Phone: +91-33-23579846/5989 Fax: +91-33-2357-5141
6	Mohali	C-DAC A-34, Industrial Area Phase VIII, Mohali Chandigarh - 160 071 India. Phone: +91-172-2237052-57, 6619000 Fax: +91-172-2237050-51
7	Mumbai	C-DAC Gulmohar Cross Road No. 9 Juhu, Mumbai - 400 049 Maharashtra (India) Phone: +91-22-26201606/1574 Fax: +91-22-26232195/ 26210139 C-DAC Raintree Marg, Near Bharati Vidyapeeth, Opp. Kharghar Railway Station, Sector 7, CBD Belapur Navi Mumbai - 400 614 Maharashtra (India) Phone: +91-22-27565303 Fax: +91-22-2756-0004
8	Noida	C-DAC Anusandhan Bhawan, C-56/1, Sector-62, Noida - 201307 Uttar Pradesh (India) Phone: +91-120-3063311-14 Fax: +91-120-3063317 Academic Block C-DAC, Noida : B-30, Sector-62, Institution Area, Noida – 201307 Uttar Pradesh (India) Phone: +91-120-3063371-73, Fax: +91-120-3063374
9	Pune (Headquarters)	C-DAC CDAC Innovation Park, Panchavati, Pashan, Pune - 411 008 Phone: +91-20-25503100, Fax: +91-20-25503131 C-DAC ACTS CDAC Innovation Park, Panchavati, Pashan, Pune - 411 008 Phone: +91-20-25503100, Fax: +91-20-25503131

Sl. No	Location	Address for Communication
10	Silchar	C-DAC NIT Silchar campus Silchar Assam - 788010. India Phone:+91 03842-242009 Fax: +91 03842-242009
11	Thiruvananthapuram	C-DAC P.B.NO:6520, Vellayambalam Thiruvananthapuram - 695033 Kerala (India) Phone: +91-471-272-3333 Fax: +91-471-2722239/ 2723456

*Information as provided by **C-DAC, HYDERABAD** on **26.10.2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Crossbow Labs LLP

1. Name & location of the empanelled Information Security Auditing Organization :

Crossbow Labs LLP, Bangalore

2. Carrying out Information Security Audits since : **2014**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Y
- Web-application security audit (Y/N) : Y
- Wireless security audit (Y/N) : Y
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Y

4. Information Security Audits carried out in last 12 Months :

Govt. : **Less than 10**
 PSU : **0**
 Private : **100+**
 Total Nos. of Information Security Audits done : **100+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **100+**
 Web-application security audit : **100+**
 Wireless security audit : **10**
 Compliance audits (ISO 27001, PCI, etc.) : **100+**

6. Technical manpower deployed for information security audits :

CISSPs : **5**
 BS7799 / ISO27001 LAs : **8**
 CISAs : **3**
 DISAs / ISAs : **0**
 Any other information security qualification :
 OSCP : **4**
 CEH : **6**
 Total Nos. of Technical Personnel : **30+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Crossbow Labs LLP	Experience in Information Security	Qualifications related to Information security
1	Rosan Thomas	5 Years	8 Years	CISSP, CISA, ISO 27001 LA & PCI QSA
2	Deepak Umopathy	5 Years	9 Years	ISO LA 27001, PCI QSA
3	Suryaji Bhosale	6 Years	8 Years	ISO LA 27001, PCI QSA, CISSP, CISA
4	Kirubakaran Parkunan	2.5 Years	6 Years	ISO LA 27001, PCI QSA, PA QSA
5	Arpit Rohela	2.7 Years	2.7 Years	
6	Ashish Patil	6 Months	6 Months	OSCP & CPTE
7	Amit Roy	2 Months	2 Months	OSCP & CCENT
8	Akhil Raj R	2 Months	5 Years	OSCP & CEH
9	Aditya Sharma	3 Months	3 Months	CNSS
10	Abubacker	3 Months	2 Years	CEH

S. No.	Name of Employee	Duration with Crossbow Labs LLP	Experience in Information Security	Qualifications related to Information security
	Siddique			
11	Vinayak Agrahari	1 Year	5 Years	OSCP, CEH
12	Mohammed Adam	1 Year	3 Years	CHF1, ISO 27001 LA
13	MohammedIrfan	1 Year	4 Years	
14	G Prashanth	1 Year	1 Year	CEH
15	Saeed Bhosale	5 Months	6 Years	CISSP
16	Sabeena P Job	4 Years	6 Years	CISM, ISO 27001 LA, PCI QSA
17	KhaviyaaJana kiran	3 Years	3 Years	CISSP, PCI QSA
18	MadhupBajpai	1 Year	3Years	CEH,
19	MadhurjyaMazumdar	9 Months	3 Years	CEH, OHSE, RHCSA
20	Umamaheswara Rao	1 Year	20 Years	CISA, CISM
21	MoulikaMakkipati	1 Year	2 Years	ISO LA 27001
22	VishwaPrasath T S	1 Year	2 Years	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Lulu International Group, U.A.E 13 Server Locations, 1000 + IP addresses that includes DC, Network devices, desktops and POS locations.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Commercial: Nessus, Metasploit, Exploitpack, Burpsuite,

Proprietary Bolt: (Data finder tool), Compliance management tool.

Freeware: Kali, Parrot OS

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details
13. Locations of Overseas Headquarters/Offices, if any : No

* Information as provided by Crossbow Labs on 26th October 2020

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s CyberQ Consulting Pvt Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:

CyberQ Consulting Pvt Ltd.
J-1917, Chittaranjan Park, New Delhi 110019
E: info@cyberqindia.com
E: chaitali.mukherjee@cyberqindia.com
E: Debopriyo.kar@cyberqindia.com
Correspondence Address:
A 14-15, 3rd Floor, Sector 59, Noida, Uttar Pradesh-201301

2. Carrying out Information Security Audits since : **1997**

3. Capability to audit , category wise (add more if required)

- Network security audit : Yes
- Web-application security audit : Yes
- Wireless security audit : Yes
- Compliance audits : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : 30
 PSU : 16
 Private : 35
 Total Nos. of Information Security Audits done : 158
 (we have completed multiple project for 1 clients)

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : 32
 Web-application security audit : 118
 Wireless security audit : 1
 Compliance audits (ISO 27001, PCI, etc.) : 3
 Technical manpower deployed for information security audits : 3

6. Technical manpower deployed for informationsecurity audits:

CISSPs : **1**
 BS7799 / ISO27001 LAs : **2**
 CISAs : **1**
 DISAs / ISAs : **0**
 Any other information security qualification : **CEH, 10**
 Total Nos. of Technical Personnel : **21**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with CyberQ	Experience in Information Security	Qualifications related to Information security
1	Mr. Pramod Kumar Pant	01-11-2012	21	CEH, CISA, ISO 27001 LI
2	Mr. Debopriyo Kar	01-03-2002	45	CISSP, ISO 27001 LA
3	Mr. Mathew Varghese	01-05-2014	14	CISA and ISO 27001 LA
4	Arup Roy	22-02-2014	38	ISO 20000-1
5	Consultant 1 – Application Security Expert / PHP Source Code expert	10-05-2014	8	CEH

5	Consultant 2 – Network Security Expert/Aadhar compliance audit expert/SCADA	15-09-2013	8	CEH
6	Consultant 3	31-07-2019	2	CEH
7	Consultant 4	22-05-2019	2	CEH
8	Consultant 5	25 April 2019	5	ISO 27001 LA1
9	Consultant 6	22-05-19	3	CEH
10	Consultant 7	07-05-13	7	-
11	Consultant 8	03-08-20	4	CEH
12	Consultant 9	08-10-20	2	CEH

Note : The names of consultants can provided upon request to prevent individual identity and poaching.

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Large Project(In terms of volume): OIL India, Shree Electricals Agra Smart City, ONGC Videsh, Syndicate Bank

Large Project(In terms of Complexity): Shree Electricals Agra Smart City

Large Project(In terms of Locations): Oil India and NTPC

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Is provided on page no. 3 onwards

10. Outsourcing of Project to External Information Security Auditors / Experts : No

(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

Tools used for Audit:

S/N	Name of the tools to be used	Type (open/proprietary/third party)	Description	Any risk/matter of concern if any, while using the tool	Remarks, if any
1	Nessus Vulnerability Scanner	Proprietary	Nessus is a proprietary vulnerability scanner developed by Tenable. Nessus can scan for include: <ul style="list-style-type: none"> • Vulnerabilities that could allow unauthorized control or access to sensitive data on a system. • Misconfiguration (e.g. open mail relay, missing patches, etc.). • Default passwords, a few common passwords, and blank/absent passwords on some system accounts. Nessus can also call Hydra (an external tool) to launch a dictionary attack. • Denials of service 	No Major risk involved	Tools will be handled by CyberQ auditor

			vulnerabilities		
2.	Burp Suite	Proprietary	<p>Burp Suite is a graphical tool for testing Web application security. The tool is written in Java and developed by PortSwigger Web Security. Burp Suite is combination of</p> <ul style="list-style-type: none"> • HTTP Proxy - It operates as a web proxy server, and sits as a man-in-the-middle between the browser and destination web servers. This allows the interception, inspection and modification of the raw traffic passing in both directions.[6][7] • Scanner - A web application security scanner, used for performing automated vulnerability scans of web applications. • Intruder - This tool can perform automated attacks on web applications. The tool offers a configurable algorithm that can generate malicious HTTP requests.[7] The intruder tool can test and detect SQL injections, cross-site scripting, parameter manipulation and vulnerabilities susceptible to brute-force attacks.[8] • Spider - A tool for automatically crawling web applications. It can be used in conjunction with manual mapping techniques to speed up the process of mapping an application's content and functionality. • Repeater - A simple tool that can be used to manually test an application. It can be used to modify requests to the server, resend them, and observe the results. • Burp Decoder - Free Edition • Decoder - A tool for transforming encoded data into its canonical form, or for transforming raw data into various encoded and hashed forms. It is capable of intelligently recognizing several encoding formats using heuristic techniques. • Comparer - A tool for performing a comparison (a visual "diff") between any two items of data. • Extender - Allows the security tester to load Burp extensions, to extend Burp's functionality using the security testers own or third-party code (BAppStore) <p>Sequencer - A tool for analyzing the quality of randomness in a</p>	No Major risk involved	Tools will be handled by CyberQ auditor

			sample of data items. It can be used to test an application's session tokens or other important data items that are intended to be unpredictable, such as anti-CSRF tokens, password reset tokens, etc.		
3.	Metasploit	open-source	<p>The Metasploit Project is a computer security project that provides information about security vulnerabilities and aids in penetration testing and IDS signature development. It is owned by Boston, Massachusetts-based security company Rapid7.</p> <ul style="list-style-type: none"> • Its best-known sub-project is the open-source Metasploit Framework, a tool for developing and executing exploit code against a remote target machine. Other important sub-projects include the Opcode Database, shellcode archive and related research. 	No Major risk involved	Tools will be handled by CyberQ auditor
4.	Kali _Linux	Open Source	Kali Linux is a Debian-derived Linux distribution designed for digital forensics and penetration testing. It is maintained and funded by Offensive Security. In addition to Kali Linux, Offensive Security also maintains the Exploit Database. This is a platform where we execute many tool for Pen Testing.	No Major risk involved	Tools will be handled by CyberQ auditor
5	nmap	Open Source	Nmap is a free and open-source network scanner created by Gordon Lyon. Nmap is used to discover hosts and services on a computer network by sending packets and analyzing the responses. Nmap provides a number of features for probing computer networks, including host discovery and service and operating system detection.	No Major risk involved	Tools will be handled by CyberQ auditor
6	Wireshark	open-source	Wireshark is a free and open-source packet analyzer. It is used for network troubleshooting, analysis, software and communications protocol development, and education. Originally named Ethereal, the project was renamed Wireshark in May 2006 due to trademark issues.	No Major risk involved	Tools will be handled by CyberQ auditor
7	Windows inbuilt	Windows inbuilt	nbtscan : This is a command-line tool that scans for open NETBIOS nameservers on a local or remote	No Major risk involved	Tools will be handled

	NET commands like nbtstat, nbtscan	NET commands	<p>TCP/IP network, and this is a first step in finding of open shares. It is based on the functionality of the standard Windows tool nbtstat, but it operates on a range of addresses instead of just one. I wrote this tool because the existing tools either didn't do what I wanted or ran only on the Windows platforms: mine runs on just about everything.</p> <p>Nbtstat: nbtstat allows a refresh of the NetBIOS name cache and the names registered with Windows Internet Name Service (WINS). Used without parameters, nbtstat displays help.</p>		by CyberQ auditor
8	sqlmap	open-source	sqlmap is an open source software that is used to detect and exploit database vulnerabilities and provides options for injecting malicious codes into them. It is a penetration testing tool that automates the process of detecting and exploiting SQL injection flaws providing its user interface in the terminal.	No Major risk involved	Tools will be handled by CyberQ auditor
9	Nikto	open-source	Nikto is a free software command-line vulnerability scanner that scans webservers for dangerous files/CGIs, outdated server software and other problems. It performs generic and server type specific checks. It also captures and prints any cookies received.	No Major risk involved	Tools will be handled by CyberQ auditor
10	OWASP ZAP	open-source	OWASP ZAP is an open-source web application security scanner. It is intended to be used by both those new to application security as well as professional penetration testers. It is one of the most active Open Web Application Security Project projects and has been given Flagship status.	No Major risk involved	Tools will be handled by CyberQ auditor
	CyberQ Proprietary Checklist based on CIS and NIST guidelines	Proprietary	This is CyberQ Proprietary Checklist which is based on CIS and NIST guideline. In this checklist We check system security hardening.	No Major risk involved	Tools will be handled by CyberQ auditor

*Information as provided by **CyberQ Consulting Pvt Ltd.** on **26th October 2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Deloitte Touche Tohmatsu India LLP

1. Name & location of the empanelled Information Security Auditing Organization :

Deloitte Touche Tohmatsu India Limited Liability Partnership

2. Carrying out Information Security Audits since : **Prior to Year 2000**

3. Capability to audit , category wise (add more if required)

- Network security audit : Yes
- Web-application security audit : Yes
- Wireless security audit : Yes
- Compliance audits (ISO 27001, PCI, etc.) : Yes

4. Information Security Audits carried out in last 12 Months :

- Govt. : **10+**
- PSU : **5+**
- Private : **150+**
- Total Nos. of Information Security Audits done : **150+**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

- Network security audit : **15+**
- Web-application security audit : **45+**
- Wireless security audit : **15+**
- Compliance audits (ISO 27001, PCI, etc.) : **10+**
- Infrastructure assessments/ audits** : **20+**
- External VAPT** : **20+**
- Internal VAPT including configuration assessments** : **40+**

6. Technical manpower deployed for informationsecurity audits :

- CISSPs : 40+
 - BS7799 / ISO27001 LAs : 150+
 - CISAs : 25+
 - DISAs / ISAs : 2
 - Any other information security qualification :
- CISM: 10+, OSCP: 15+**

Total Nos. of Technical Personnel : more than 150

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with DTTILLP	Experience in Information Security	Qualifications related to Information security
1	Anand Kishore Pandey	6+ Years	10+	CEH, Qualys Guard Certified, ISO 27001: 2005 LA, BS 25999 LA
2	Sakshi Bansal	6+ Years	9+ Years	CISSP, CEH
3	Achal Gangwani	9+ Years	16+ Years	ArcSight ESM Security Analyst – AESA, CEH, ISO 27001:2005 ISMS Lead Auditor, ITIL Foundation Level Certified, CCNA, IBM Certified System Administrator, IBM Certified Associate Developer
4	Shubham Gupta	3+ Years	2+ Years	OSCP, CREST CRT
5	Deepak Sharma	1+ Year	7+ Years	CEH, CHFI
6	Umesh Huddar	3+ Year	4+ Years	OSCP, ECSA
7	Eby Mohan	1+ Year	5+ Years	CEH

S. No.	Name of Employee	Duration with DTILLP	Experience in Information Security	Qualifications related to Information security
8	Sai Kiran Battaluri	2+ Years	3+ Years	CEH, (ISC)2 System Security Certified Practitioner
9	Lakshmi Allamsetty	3 Years	20+ Years	CISA, CEH, BCMS
10	Pramod Kumar Potharaju	3+ Years	13+ Years	CISSP, CEH, ITIL, ISO 27001 LA
11	Rameswari Selvaraj	2+ Years	9+ Years	CEH
12	Rohit Ramesh Rabse	2+ Years	4+ Years	CEH, ECSA
13	Zeel D Chavda	3+ Years	3+ Years	CEH
14	Maheshkumar Palaniyappan	3+	6+	ECSA, ISO27001
15	Kapil Bhardwaj	4+	10+	CEH, ISO 27001, ITIL, Prozm Asset Management Pro, JNCIA
16	G Shanmugaraj	1+	3+	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

1. Security Audit under State Data Center Third Party Audit:
Volume: - 30 to 35 Applications (Web, API, Mobile App) Quarterly
Complexity: - Government Websites (Critical)
Location: - Chennai
Project Value: - more than 5 CR.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary): Burp Suite, Nessus, Web Inspect, HP Fortify, Nikto, Postman.

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : NA

12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : M/s Deloitte Touche Tohmatsu India Limited Liability Partnership, IndiaBulls Finance Centre, Tower 3, 27th – 32nd Floor, Senapati Bapat Marg, Elphinstone Road (West), Mumbai-400013, Maharashtra, India

***Information as provided by DTILLP on 26-10-2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Grant Thornton Bharat LLP

1. Name & location of the empanelled Information Security Auditing Organization:

**Grant Thornton Bharat LLP,
L 41, Connaught Circus,
Outer Circle, New Delhi. PIN - 110 001**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

- Network security audit : **Yes**
- Webapplication security audit : **Yes**
- Wireless security audit : **Yes**
- Compliance audits (ISO 27001, PCI and guidelines from regulators etc.) : **Yes**
- IOT security testing : **Yes**
- Mobile application security : **Yes**
- Secure Configuration reviews : **Yes**
- Source code reviews : **Yes**
- API security assessments : **Yes**
- Cloud security : **Yes**
- Red Teaming : **Yes**
- Secure Network Architecture Review : **Yes**
- Cyber Incident Investigation : **Yes**
- Phishing Campaign : **Yes**

4. Information Security Audits carried out in last 12 Months:

Govt. : 0
 PSU : 1
 Private : 145
 Total Nos. of Information Security Audits done : 146

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit : 21+
 Web-application security audit : 18+
 Wireless security audit : 1
 Compliance audits (ISO 27001, PCI etc.) : 120+

6. Technical manpower deployed for information security audits :

CISSPs : 0
 BS7799 / ISO27001 LAs / LI : **18**
 CISAs : **6**
 DISAs / ISAs : 0
 Any other information security qualification :

2 OSCP
11 CEH
2 CHFI
2 ECSA
1 ISO 22301
2 CISM
6 CCNA
2 SAP
2 DSCI
1 CPISI
5 ITIL
1 HITRUST CCSFP
1 GDPR FAS
2 RHCS

Total Nos. of Technical Personnel : **43**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required) : **Please refer to Annexure 1 :**
8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

<p>Leading IT / ITES Service Provider</p>	<p>GT have examined client's Facility Level Controls and Client services controls related system as of date and throughout the period and the suitability of the design and operating effectiveness of client's controls to achieve the related control objectives. Control areas covered are-</p> <ul style="list-style-type: none"> • Physical Security - Entity; • Physical Security - Restricted Area; • Human Resource; • Master Service Agreement Monitoring; • Data Security and Confidentiality; • Environmental Controls, Capacity &Continuity; • Logical Access; • Anti-virus; • Global Telecom Operations; • Back-up; • Security Incident Management; and • • Other client specific control areas 	<p>Countries: 14</p> <p>Facilities covered: 60</p>
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9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial Tools:

- Nessus
- Burpsuite
- Snappytick

Freeware Tools:

- Metasploit
- Wireshark
- NMAP
- SQLMap
- Nikto
- MobiSF
- Hydra
- Cain and Abel
- John The Ripper

The list of tools mentioned above are indicative

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

Yes, Grant Thornton Bharat is part of the GT Member Firm network which is spread across the globe in 135 countries.

12. Whether organization is a subsidiary of any foreign based organization? : **No**
If yes, give details

Grant Thornton in India is a member firm within Grant Thornton International (GTIL), global organization with member firms in over 135 countries. Grant Thornton India LLP (formerly Grant Thornton India) is registered with limited liability with identity number AAA-7677 and has its

registered office at L-41 Connaught Circus, New Delhi, 110001. References to Grant Thornton are to Grant Thornton International Ltd (Grant Thornton International) or its member firms. Grant Thornton International and the member firms are not a worldwide partnership. Services are delivered independently by the member firms. Member firms carry the Grant Thornton name, either exclusively or as part of their national practice names and provide assurance, tax and advisory services to their clients. All member firms share both a common global strategy and a common global culture focusing on improvement in quality of service delivery, procedures to monitor quality, and the risk management methodology.

13. Locations of Overseas Headquarters/Offices, if any : **No**

*Information as provided by **Grant Thornton Bharat LLP** on **26th October 2020**.

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Annexure 1:

S. No.	Name of Employee	Duration with GTBLLP	Experience in Information Security	Qualifications related to Information security
1	Akshay Garkel	3+ years	19+ years	Master's in information technology
2	Santosh Manohar Desai	1.5+ years	32 years	BS7799 trained, ISP build training, Certified Netware engineer (CNE) , Mobile computing certificate
3	Rohit Bharath Das	3 years	13+ years	CISA, ISO 27001, COBIT 5
4	Jignesh Shah	2+ years	18+ Years	CISA qualified, ISO 27001
5	Sindhu Shaji Vethody	1+ years	13+ years	CISA
6	Pradeep Dhanaji Mahangare	1.5+ years	13+ years	ISO 27001 LA, CEH, CCNA
7	Mohit Gera	2 month	9+ years	ISO 27001 LA and LI, CCNA, CCSP, CCNA Security
8	Abhijeet Jayaraj	3 years	8 years	CEH, OSCP
9	Sagar Prakash Gajara	2.5+ years	6+ years	Post Graduate Diploma in Digital & Cyber Forensics and related laws, CCI (ASCL)
10	Mrinmayee Anerao	2.5 years	7 years	CEH
11	Murali Krishna Joshi	4.5+ years	6+ years	GDPR FAS, ITIL
12	Nitish Mishra	2 years	7+ years	ISO27001 LI, OneTrust: Data Mapping Expert, Privacy Management Professional and Vendor Risk Management Expert
13	Siddhesh Shirkar	1+ years	4.8 years	ISO 27001:2013 Lead Auditor; DSCI Certified Privacy Lead Assessor (DCPLA); Certified Payment Card Industry Security Implementer (CPI SI v3.2);
14	Nikhil Singhvi S	1.5 years	3+ years	CISM, PCIP, HITRUST CSF Practitioner, CEH, ECSA, CIPR, CHFI, CND, Access Data Certified, OS Forensics Certified, CCNA, NSE-1, NSE 2
15	Ankita Sinha	2.5+ years	8+ years	CISA, ISO 22301 BCMS LI
16	Mainul Hasan	7 months	2 years	CEH, OSCP, ISO 27001 LA
17	Aniket Kale	8 months	3.5 years	CEH, CCNA Sec, CCNA R&S and ITIL
18	Amit Bedwa	2.5+ years	4+ years	ISO 27001 LA, ISO 22301 LA
19	Shruthi Nair	1.5 years	1.5 years	ISO 27001:2013 LA
20	Abhinav Ashish	1.5+ years	4+ years	ISO 27001 LA, CISA
21	Ankitha Chinnapolu	5+ years	5+ years	CCNA, ITIL, RHCSA
22	Lalit Sharma	8+ years	8+ years	CISM (Q), CISA (Q), DCP, ITIL V3, Diploma in Cyber Law
23	Santanu Manick Paramanick	5.5 years	9+ years	Master's in computer application
24	Steadin Daniel Fernandes	4.5+ year	2+ years	ISO 27001:2013 LA
25	Animesh Gupta	1+ Years	4+ Years	ISO 27001 LA, CEH, CCNA, CHFI, ESCA, ISCI CNSS
26	Gurpreet Singh	1.5+ years	7+ years	CEH, ECSA
27	Shivani Kamal	1.5 year	1.5 year	CEH

28	Aditya Tiwari	2 years	2 year	ISO 27001 LA
29	Sahas Arora	3 years	3 Years	ISO 27001 LI, CompTIA Security+
30	Shivani Koul	1.5+ years	1.5+ years	ISO 27001 LI
31	Khushbu Buha	2 years	3+ years	CEH
32	Gurpreet Singh Raina	1.5 years	1.5 years	ISO27001 LA
33	Hariharan K R	1+ years	1+ year	RHCSA, CEH
34	Navid MdYusuf Mughal	1.5 years	1.5 years	ISO 20000 ITSM
35	Dhaval Kulkarni	2.5+ years	5+ Years	Certified cyber security analyst -V skills
36	Juhee Sharma	5 months	8 months	MBA in Information Security , ISO 27001 LA, ITIL Version 4 , Fortinet NSE Level 1 and Level 2 certified
37	Rohan Joshi	5 months	3 years	CompTIA Security
38	Nasim Barolia	5 months	5 months	MBA in Information security
39	Arman Kishan	5 months	1 years	IBM Business Analyst
40	Jasveen Kaur Chadha	1.5 years	5+ years	NA
41	Trushna Joshi	2.5 years	2.5 years	NA
42	Abhishek Chakravorty	5 months	5 months	NA
43	Jayesh Rastogi	5 months	5 months	NA

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s KPMG Assurance and Consulting Services LLP

1. Name & location of the empanelled Information Security Auditing Organization :

**KPMG Assurance and Consulting Services LLP
DLF Building No. 10, 8th Floor, Tower C, DLF Cyber City, Phase 2,
Gurgaon, Haryana, 122002**

2. Carrying out Information Security Audits since : **1996**

3. Capability to audit , category wise (add more if required)

- Network security audit : Yes
- Web-application security audit : Yes
- Wireless security audit : Yes
- Compliance audits (ISO 27001, PCI, etc.) : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : **15-20**
 PSU : **15-20**
 Private : **50-60**
 Total Nos. of Information Security Audits done : **100**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **60+**
 Web-application security audit : **70+**
 Wireless security audit : **25+**
 Compliance audits (ISO 27001, PCI, etc.) : **35+**

6. Technical manpower deployed for information security audits :

CISSPs : **10+**
 BS7799 / ISO27001 LAs : **30+**
 CISAs : **55**
 CEH/OSCP : **131**
 CCSK/OSCP : **10**
 CCNA / CCNP/CCIE : **15**
 CHFI / ECIH : **10**
 Cloud Security Certification : **110+**
 Total Nos. of Technical Personnel : **600+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Sony Anthony	19yrs	25yrs	ISO 27001, ISO 22301, ISO 20000
2	Manish Tembhurkar	7yrs	18yrs	CEH, CCNA, CISA, ISO 22301
3	Urmimala Dasgupta	10yrs	14yrs	CEH, ISMS-27001:2013, ITIL, QualysGuard
4	Anupama Atluri	10yrs	14yrs	CEH, CCSK, ISO Lead Implementer, IBM Certified Pen tester
5	Aditya Tawde	6yrs	13yrs	ISO 27001, DSCI –LA
6	Areeb Naqi	4yrs	7yrs	OSCP, CEH, ISO 27001 LA,

				ECIH
7	Sohil Thanki	7yrs	10yrs	CISA, ISO 27001 LA, ISO 23001
8	Rishabh Dangwal	5yrs	8yrs	OSCP, CEH
9	Abhishek Dashora	5yrs	7yrs	CEH, CCSK
10	Harsha Bhatt	6yrs	7Yrs	OSCP, CCSK, Blockchain
11	Anish Mitra	6Yrs	10Yrs	OSCP, CEH, ECSA, CCSK, ITIL, Qualys Certified Pen tester
12	Roopesh Yadav	11yrs	12yrs	DCPLA, ISO 27001, ISO 22301, ISO 20000, ArcSight ESM Analyst,

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Cyber Security Governance and Assurance program for largest identity management program in India:

- KPMG is currently working with India's largest identity management program, to implement cyber security Governance, Risk and Compliance and Performance framework. KPMG is conducting periodic security risk assessment, business application reviews and vulnerability identifications across client's technology ecosystem.
- KPMG is supporting client in implementation of ISMS framework against ISO 27001 standards and periodic cyber security maturity reviews threat assessments and BCP/ DR reviews.
- KPMG provides support in cyber incident investigation and forensic analysis. As a part of engagement, KPMG is involved in proactive identification of the possible cyber fraud scenarios and highlight the same to the client so that appropriate safeguards and controls can be established to prevent the incidents.
- KPMG is also engaged with the client for service level monitoring of the contracts for various ecosystem partners to provide performance assurance services and assisting the organizations' performance as per the desired levels.
- KPMG has been providing support in design of Privacy framework design and certification against standards. The key activity includes of designing a privacy framework to ensure the sensitive and critical data is well protected and is being complied to across the ecosystem and provides continuous oversight support for managing Information Security, Privacy risks in accordance with its business requirements, laws and regulations.

Cyber Forensics Incident Investigation for Large BFSI Client:

- KPMG performed the cyber forensics incident investigation for a large BFSI India where in KPMG performed forensics imaging of various servers and endpoints which were suspected to be a part of data breach. As a part of engagement, KPMG conducted the in-dept analysis of forensics images to identify the root cause and incident timelines of the data breach.
- KPMG was engaged with the client to review the logs for various security solutions to understand the tactics, techniques and procedures used by attacker to compromise the systems. As a part of the assessment, detail cyber security investigation report was submitted which also outlines the root cause of incident, security roadmap and recommendations to mitigate identified gaps to enable Client to further strengthen the security posture of an organization.
- Value of the engagement is more than INR 1Cr

Cyber Security Audit Program at a Large Energy client:

- PCI Retail Compliance Audit - KPMG is currently evaluating retail outlets of a large energy sector to meet Cyber Security Domain related controls under PCI Compliance. KPMG would need to assess around 1000 Retail outlets of the client and ensure they are compliant to regulatory requirements provided by PCI-DSS.
- Cyber Security Data Analytics - KPMG is currently engaging with the client to provide accurate data based on the number of Vulnerabilities that the client is exposed to using Splunk which provides a Platform for the Business stakeholders to make effective decisions in securing their IT Eco system.
- KPMG is engaging with the client to assess their external facing assets by designing and implementing a Bug Bounty Program for the client to keep their Infrastructure secure. KPMG also help client to evaluate, manage and implement security policy and procedure for these security bug bounty program.
- Value of the engagement is more than INR 1Cr

Security testing across multiple telecom clients in India:

- KPMG has been providing security assessment service to improve the security posture across 4G networks for a telecom operator in India. KPMG performed circle wide node security assessments. We also assisted clients in security testing of web based and client based

Mobile Apps, including SIM card testing and Telecom solutions like Femtocell and Pico cells. KPMG helped client to prepare and implement minimum baseline security standards for various network elements and devices.

- Value of the engagement is more than INR 83.5Lacs

Payments System Security Testing

- KPMG performed payment systems security testing for a large banking client in the MESA region. As a part of the engagement KPMG reviewed the bank's SWIFT and connected payment systems from a SWIFT CSP perspective and from a leading industry standards perspective. KPMG was required to gain an in-depth understanding of the bank's payment landscape and interconnections of the bank's SWIFT system to various other systems

Security Audit for Nationalized Bank:

- KPMG has been engaged with a leading bank to conduct quarterly security audit of its applications, vulnerability assessment, external penetration test, IT DR review and review of policy and process. KPMG conducts periodic security assessment for the bank's IT systems and infrastructure covering data centre, DR site, IT Head office, call centres, sample ATM machines and other sample office network spread across the country.
- The value of engagement is more than INR 50Lakhs.

Security assessment of critical infrastructure organization

- KPMG is working with a power and utility company in India to assess the security controls in IT and operational technology (OT) systems which are deployed in the Generation plant, Transmission and Distribution etc. The security assessment include review of device security configuration, vulnerability assessment, technical security testing and review of OT security policy and procedures.
- The value of engagement is more than INR 35 Lakhs.

Security Audit of a large BFSI Client

- KPMG is currently working with one of the leading investment bank on the application security testing services which includes manual security testing of organization's business critical applications, internet facing applications, payment applications, privacy applications, thick client applications and source code review. As part of the application security testing service KPMG is responsible to manage the overall security testing program of the client from project initiation to delivery phase. KPMG is also responsible to conduct risk assessment and documentation of the issues identified and track them to completion with the help of application developers.
- The overall value of the project is approximately INR 1Cr.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial

- Acunetix,
- Burp,
- Nessus
- AppScan
- WebInspect

Proprietary

- KRaptor,
- KPMG Brand Protection Tool,
- KPMG SABA,
- KCR Tool
- KPMG Digital Signals Insight Platform
- KPMG Threat intelligence tool

Open source tools

- BackTrack,
- Kali Linux,
- Paros,
- SQLMap,
- nmap,
- Wireshark

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by: KPMG Assurance and Consulting Services LLP on 26th October 2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Mahindra Special Services Group

1. Name & location of the empaneled Information Security Auditing Organization :

**Mahindra Special Services Group
(Division of Mahindra Defence Systems Limited)
Mahindra Towers, P.K Kurne Chowk,
Dr. G.M Bhosale Marg, Worli, Mumbai - 400018, India**

2. Carrying out Information Security Audits since : : 2002

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : Yes
- Web-application security audit (Y/N) : Yes
- Wireless security audit (Y/N) : Yes
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : Yes
- Compliance audits(ISO 22301) : Yes
- Mobile Application Security Audit : Yes

4. Information Security Audits carried out in last 12 Months :

Govt. : 9
PSU : 14
Private : 66
Total Nos. of Information Security Audits done : 89

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : 300+
Web-application security audit : 250+
Wireless security audit : 10
Compliance audits (ISO 27001, ISO 22301, ISO 20000, PCI, etc.) : 40+

6. Technical manpower deployed for information security audits :

CISSPs : 0
BS7799 / ISO27001 LAs : 17
CISAs : 4
DISAs / ISAs : 0
Any other information security qualification (CISM, OSCP, CEH, CND) : 40
Total Nos. of Technical Personnel : 60

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Shailesh Srivastava	11.63	15	MS (Cyber Law & Information Security); B. Tech. (Electrical Engg.); L.L.B. ISO 27001 LA, ISO 27001 LI, ISO 22301 LA, CISM, CDPSE, ITIL
2	Vipul Mathur	10.56	5	MBA (Fin), B.Com, ADMAS ISO 27001 LA; OPQ 32r

3	Anil Govindu	7.90	6	B.Sc.(Physics) ISO 27001 LA
4	Chiragali Peerzada	6.05	10	B.Com. ISO 27001 LA, CCNA, ISO 22301 LI, CEH, CISA
5	Neeraj Rathi	5.93	15	B.Com. ISO 27001 LA, ISO 22301 LI
6	Sunil Sharma	5.28	10	M.Tech. Electronics & Telecommunication ISO 27001LA
7	Suresh Mishra	4.83	15	MBA (Operation) ISO 27001 LA, OSHAS, ISO 9001
8	K Harisaiprasad	3.87	10	MS, BE, ISO 27001 LA; ISO 9001, ISO 22301 LA, CISA
9	Navin Kumar Pandey	3.25	6	BCA, MCA ISO 27001 LA, ISO 22301 LI ITIL
10	Prashant Tatipamula	1.7	6	BCA, ECSA, CISE
11	Praful Mathur	3.17	3	BBA, MBA, Diploma in Labour Law ISO 27001 LA
12	Deepak Pandita	3.17	3.5	B.Tech(Information Technology) CEH
13	Dinesh Usnale	4	5	B.Sc., M.Sc. (Computer Sc.) CEH
14	Prakash Salunkhe	2.40	7	B.Sc. (Physics) ISO 27001 LA, ISO 27001 LI
15	Rijo Raju	3	3	BE (Computers) CCNA (CISCO Certified)
16	Aamir Peerzada	1.73	5	B.Com., MBA ISO 27001 LA
17	Divya Mhatre	1.48	2.10	B.E (Instrumentation & Control) ISO 27001 LA
18	Shruti Kulkarni	3	5	B.E. (Electronics and TC) CEH
19	Akshay Patil	2.5	3	BCA, MCA CEH
20	Vaibhav Bhagat	2	3.5	CEH
21	Priya Gaikwad	2	3.10	BE (Electronic & Telecomm) CEH, CND
22	Rohit Hire	2	2	BE (Computers) CEH, CND, CHFI, CCNA
23	Ganesh Mane	1.10	11	B.Com. MBA OSCP
24	Kamalteja Kasturi	1.10	4.10	MCA B.Sc. CEH
25	Prathik Shanbhag	2.2	7	MBA BE (Electronic & Telecomm) CISA, ISO 27001:2013 LA, ISO 22301:2012 LA, CEH V8
26	Dipali Bhanushali	1	3	B.Sc. IT ISO 27001 LA, ISO

				22301 LI
27	Vaibhav Chavan	1.5	7	B.Sc. CEH
28	Tushar Rasam	1.6	4	B.E in Instrumentation CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with estimated total project value.

- M&M Limited – 15 years for ISO27001 Sustenance and ongoing – 100 plus locations – INR 12 Cr+
- M&M Limited - 3 years for Network and Application Testing – From one location enterprise wide – INR 3 Cr+
- Bajaj Allianz General Insurance Company – Network and Application Testing – 6 years and ongoing – 1 location – INR 2 Cr+
- Bajaj Allianz Life Insurance Company – Network & Application Testing – 6 years and ongoing – 1 location – INR 1 Cr+
- Bajaj Finserv- Consulting for ISO 27001. – Sustenance – 6 years. – 1 location – INR 1 Cr+
- Airport Authority Of India- Consulting for ISO 27001, IS Audit, VA PT(Network and application) – 3 years- INR 45 L
- Union Bank of India - Consulting For ISO 27001 and ISO 22301 – 6th year in progress – INR 50 L
- SIDBI – ISO27001 – Certification, Surveillance and Sustenance of ISO 27001 – 5th year in progress – INR 40L+
- PNBM – ISO27001/22301/20000 and VAPT – Sustenance – 4th year in progress – INR 1 Cr +
- State bank of India - VA PT(Network and application) – 5 years – INR 2 Cr+
- Lupin Pharma: ISO 27001 Implementation, Certificate, Audits, VAPT – 10th years in a row – INR 5 Cr+
- National Stock Exchange (Server VAPT , Web Application Security, Configuration Audit) – INR 2 Cr+

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

I. Commercial Tools

1. Burp Suite Professional
2. Nessus Professional
3. Netsparker Professional
4. FTK
5. Core Impact

II. Open Source Tools

1. Kali Linux
2. Nmap
3. Wireshark
4. OWASP ZAP
5. Paros
6. Web Scarab
7. Aircrack suite
8. Nikto
9. MBSA
10. LOphtcrack: Password Cracker
11. BackTrack
12. OpenVas
13. W3af

- 14. Directory Buster
 - 15. SQL Map
 - 16. SSL Strip
 - 17. Tamper Data
 - 18. FOCA
10. Outsourcing of Project to External Information Security Auditors/Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? : No
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by Mahindra Defence Systems Limited (Division Mahindra Special Services Group) on 26th October 2020.

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Net Square Solutions Private Limited

1. Name & location of the empanelled Information Security Auditing Organization :

**Net Square Solutions Private Limited.
1, SanjivBaug baug, Near Parimal Crossing, Paldi,
Ahmedabad - 380007, Gujarat.**

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Y**
- Web-application security audit (Y/N) : **Y**
- Mobile application : **Y**
- Thick and thin client security audit : **Y**
- Secure Code Review : **Y**
- Wireless security audit (Y/N) : **Y**
- Compliance audits (Y/N): Y, which includes
 - Asp Audit : **Y**
 - Site Audit : **Y**
- Cloud Security (AWS and Azure) : **Y**
- Security Architecture Review : **Y**
- Red Team Assessment : **Y**
- IoT Security Assessment : **Y**
- Risk Assessment : **Y**

4. Information Security Audits carried out in last 12 Months :

Net Square has shared the required data till December 2019. Therefore Below mentioned numbers indicates data starting from January 2020 till date:

- Govt. : **4**
- Private : **10**
- Total Nos. of Information Security Audits done : **14**

5. Number of audits in last 12 months , category-wise

Net Square has shared the required data till December 2019. Therefore Below mentioned numbers indicates data starting from January 2020 till date:

- Network security audit : **5**
- Web-application security audit : **32**
- Mobile application security audit : **2**
- API Testing : **4**
- Source Code Review : **3**
- Compliance audits : **2**

6. Technical manpower deployed for information security audits :

- CISSPs : **1**
- CISAs : **1**
- CISC : **1**
- CEH and equivalent : **11**
- CPFA : **1**
- OSCP : **2**
- OSCE : **1**
- NSCE : **5**

Net Square also runs its own certification program called Net Square Certified Expert (NSCE). Details of this are also available from the contacts provided above.

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations

This is confidential information. Kindly contact us on the contact details provided above for details of technical manpower

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Net Square takes its non-disclosure agreement with customers very seriously and therefore is in no position to share this information. Kindly contact us on the contact details provided above for customer testimonials.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Net Square has a proprietary methodology for testing all kinds of IT environment ranging from network, thick client application, web application, mobile application, IoT devices etc. For details of the methodology and a list of tools that we use, kindly contact us as the details provided above

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No :

YES, this is done based on the requirement of client and fitment of a partner with whom Net Square has partnership agreements. Since these agreements are governed by Non-Disclosure clauses, we cannot provide such information on a public domain. We bring in the right partner to the table when we see a need for one

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No :

YES, Cannot provide details due to Non-Disclosure agreements with our foreign partners.

12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No : **NO**

13. Locations of Overseas Headquarters/Offices, if any : Yes/No : **NO**

*Information as provided by **Net Square Solutions Private Limited** on **October 26, 2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Paladion Networks Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization :

**Paladion Networks Pvt. Ltd.
Shilpa Vidya, 49 1st Main,
3rd Phase JP Nagar,
Bangalore- 560078**

2. Carrying out Information Security Audits since : **2000**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **YES**
- Web-application security audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **YES**

4. Information Security Audits carried out in last 12 Months :

Govt. : **7**
 PSU : **2**
 Private : **more than 100**
 Total Nos. of Information Security Audits done : **more than 300**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **3000+ IP addresses**
 Web-application security audit : **2000+ applications**
 Wireless security audit : **10+ locations**
 Compliance audits (ISO 27001, PCI, etc.) : **100+**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **3**
 BS7799 / ISO27001 LAs : **23**
 CISAs : **1**
 DISAs / ISAs : **0**
 Any other information security qualification : **7 PCI QSA, 2 CRISC, 72 CEH, 15 ECSA, 8 OSCP**
 Total Nos. of Technical Personnel : **700+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Paladion	Experience in Information Security	Qualifications related to Information security
1.	Hrishikesh Sivanandhan	16+ years	16+ years	CISSP
2.	Balaji V	15+ years	15+ years	CSSA
3.	Sanjeev Verma	13+ years	13+ years	CISSP
4.	Dawood Haddadi	10+ years	12+ years	Certified Web Hacking Security Professional, ISO 27001 Lead Auditor
5.	Hariharan Anantha Krishnan	9+ years	12+ years	ISO 27001, CEH, PCI QSA
6.	Satyam Singh	8+ years	8+ years	GWAPT, OSCP

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

We execute 500+ projects each year globally. Here are a few of them-

S.No.	Customer Details	Scope	Project Value
1.	A large Private Bank in India	a. Security Testing b. Security Monitoring c. Threat Advisory	Rs. 3 crore+
2.	Global Bank with Delivery Centre in India	a. Web application security test b. Internal penetration test c. External penetration test	Rs. 2 crore+
3.	Large IT company	a. 20+ applications for Application Penetration Test b. 10+ applications for Source Code Review c. 200+ IP addresses for Internal network penetration test d. 50+ External network penetration test	Rs. 1 crore+

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

S. No	Activities	Security Audit tools
1.	Application Security Assessment	Burp Proxy and Scanner, Paros Proxy and Scanner, Wireshark, Winhe, CSRF Tester, OpenSSL, tHCSSLCheck, Firefox Extensions
2.	Source Code Review	Fortify SCA & Paladion Code Scanner
3.	Network Penetration Testing	KALI Linux, Nslookup, Dnsreclin, Dnsmap, Metagoofil, fragroute, whisker, Nmap, Firewalk, SNMPc, Hping, xprobe, Amap, Nessus, Nikto, L0phtcrack, John the ripper, Brutus, Sqldict, Penetration Testing Orchestrator
4.	Wireless Penetration Testing	AirSnort, WinDump, Ethereal, WEPCrack, NetStumbler, Kismet, AirTraf, Aircrack-ng Suite & Ettercap
5.	Internal Vulnerability Scanning	SAINT & Nessus Professional
6.	ASV Scans	SAINT
7.	Configuration Review	Nessus Professional

10. Outsourcing of Project to External Information Security Auditors / Experts : **Yes/No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes/No**

12. Whether organization is a subsidiary of any foreign based organization? : **Yes/No**
If yes, give details

AtosSE

13. Locations of Overseas Headquarters/Offices, if any :

Yes/No

**11480 Commerce Park Drive, Suite 210
Reston, VA 20191 USA**

*Information as provided by **Paladion Networks Pvt. Ltd.** on **26th October, 2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Payatu Technologies Pvt Ltd

1. Name & location of the empanelled Information Security Auditing Organization :

**Payatu Technologies Pvt Ltd
502, 5th Floor, Tej House, 5MG Road, Pune-411001**

2. Carrying out Information Security Audits since : 2011

3. Capability to audit , category wise (add more if required)

• Network security audit	:	Yes
• Web-application security audit	:	Yes
• Wireless security audit	:	Yes
• Compliance audits (ISO 27001, PCI, etc.)	:	No
• Red team assessment	:	Yes
• Mobile application security audit	:	Yes
• Cloud infrastructure security audit	:	Yes
• IoT product hardware security audit	:	Yes
• DevSecOps consulting	:	Yes
• Source code security analysis	:	Yes
• AI/ML product security audit	:	Yes
• Application/Product/Protocol fuzzing	:	Yes
• Binary/Firmware reverse engineering	:	Yes

4. Information Security Audits carried out in last 12 Months:

Govt.	:	0
PSU	:	5+
Private	:	145+
Total Nos. of Information Security Audits done	:	150+

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	10+
Web-application security audit	:	40+
Mobile-application security audit	:	40+
Cloud infrastructure security audit	:	25+
IoT Product hardware security audit	:	25+
RedTeam Assessment	:	5+
Source Code Security Analysis	:	5+
DevSecOps Consulting	:	2
Binary/Firmware Reverse Engineering	:	1
Application/Product/Protocol fuzzing	:	1
Wireless security audit	:	0
Compliance audits (ISO 27001, PCI, etc.)	:	0

6. Technical manpower deployed for informationsecurity audits :

OSCP	:	5
OSWE	:	1
OSCE	:	1
OPSE	:	1
CRTP	:	1
SANS GWAPT	:	1
Total Nos. of Technical Personnel	:	30+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Payatu	Experience in Information Security	Qualifications related to Information security
1	Abhilash Nigam	2 months	3.5 years	B.E.
2	Aman Aryan	2.5 years	4years	BTech
3	Amit Kumar	1 months	2 years	BTECH
4	ApparThusoo	1 year	1.7 years	BE
5	Arjun Bahera	1.5 months	2years	B.Tech
6	Arjun Singh	2 months	3 months	BCA
7	Asmita	1 year	1 year	BE
8	Dattatray Hinge	1.5 years	1.5 years	B.SC. TECH (B.E.)
9	Devansh Bordia	2 months	fresher	B.Tech
10	Dipti Dhandha	9 months	2 years	MTech
11	DOSHAN JINDE	1.5 months	4.7 years	B.Sc(I.T)
12	Farid Luhar	1 month	2.5 years	B.com
13	Gaurav bhosale	6 days	6 months	BE, CSE
14	Gaurav Nayak	1.10 years	4 years	MCA
15	Hari Prasad	6 days	3 years	Diploma in Computer Engineering
16	HrushikeshKakade	2.4 years	2.4 years	BE
17	Irfan Mohammed	1.5 years	1.5 years	BCA
18	Manmeet Singh	21 days	3 years	BE
19	Mayank Arora	4 months	1.8 years	MCA
20	Mihir Doshi	1.2 years	3 years	MCA
21	Munawwar Hussain Sheli	1 year	1 year	BE
22	Nandhakumar	1.1 years	3.6 years	BE
23	Nikhil Joshi	2.10 years	3 years	BE
24	Nikhil Mittal	3 years	3 years	BTECH (BE)
25	Nimit	1 month	3 years	BTEC
26	Prateek Thakare	2 months	fresher	BE
27	RewanthTammana	2.4 years	2.3 years	B.Tech (Bachelor of Technology)
28	Saddam Hussain	1 month	1 year	B.TECH
29	Samaksh Kaushik	6 months	3.5 years	B.Tech
30	Shakir Zari	2.3 years	2.3 years	BE perusing/Diploma in Electronics
31	Sourov Ghosh	7 months	2.8 years	B.Tech
32	Suraj Kumar	1 month	5 years	B.Tech
33	YashodhanMandke	3 months	3 years	M.Tech

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S. No.	Customer Details	Scope	Project Value
1	One of the Middle East based IT consulting company	1. Web Application Security 2. Security Analysis of Source Code	USD 1 Million+
2	One of the Europe based IT consulting company	1. IoT product hardware security assessment 2. Web Application Security Assessment 3. External Network Infrastructure Assessment 4. Mobile Application Security Assessment	Euro 100 Thousand+
3	USA based Analytics Product Company	1. Web Application Assessment 2. Internal and External Infrastructure Assessment	USD 100 Thousand+

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Information Gathering

1. Dnsenum
2. Fierce domain scan
3. Dig
4. Whois
5. Wget
6. Google Advanced search

Mapping

1. Nmap
2. Scapy
3. Ike-scan
4. Superscan
5. Dirbuster
6. Openssl
7. THC SSLCheck
8. Sslscan
9. Netcat
10. Traceroute
11. Snmpcheck
12. Smtpscan
13. Smbclient
14. Wireshark
15. Web Browser

Vulnerability Assessment

1. Nessus Professional
2. Openvas
3. Skipfish
4. Ratproxy
5. IronWASP
6. Grendel scan
7. Web securify
8. Burp suite professional
9. Paros Proxy
10. SOAPUI

Exploitation

1. Custom python script
2. W3af
3. Metasploit
4. Sqlmap
5. Sqlninja
6. BeEF Framework
7. Hydra

10. Outsourcing of Project to External Information Security Auditors / Experts : No

11. Whether organization has any Foreign Tie-Ups? : No

12. Whether organization is a subsidiary of any foreign based organization? : No

13. Locations of Overseas Headquarters/Offices, if any : Yes

1. The Hague – Netherlands
2. Sydney - Australia

*Information as provided by Payatu on 26th October 2020

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Qseap Infotech Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:

Qseap Infotech Pvt. Ltd. Mahape, Navi Mumbai.

2. Carrying out Information Security Audits since : November **2011**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Yes**

4. Information Security Audits carried out in last 12 Months:

Govt. : **8**
 PSU : **3**
 Private : **14**
 Total Nos. of Information Security Audits done : 25+ (Completed)

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **5+**
 Web-application security audit : **50+**
 Wireless security audit : **1**
 Compliance audits (ISO 27001, PCI, etc.) : **0**

6. Technical manpower deployed for information security audits:

CISSPs : 0
 BS7799 / ISO27001 LAs : 5+
 CISAs : 0
 DISAs / ISAs : 0
 Any other information security qualification:
 CEH : 70 +
 ECSA : 20+
 OSCP : 1
 Total Nos. of Technical Personnel : 130+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1.	Abhijit Doke	6+ Years	Extensive hands on expertise on auditing various Web Applications and Mobile Applications (Android & iOS) related to different domains which include BFSI, Ecommerce, Manufacturing and Telecom.	OSCP - Offensive Security Certified Professional
2.	Vishnu s. Chandran	2.6 Years	Prime clientele includes web application, API,	Certified Information Security and Ethical Hacking

			Mobile security. Familiar with tools like Nessus, Qualys guard, Burp suite, Nmap etc.	
3.	SubhodhVishe	2.5+ Years	Prime clientele includes web application, VAPT and Mobile security testing	Qualys Certified – Vulnerability Management and Policy Compliance
4.	Ram Singh Verma	2+ Years	Performed manual and automated dynamic grey-box security testing and re-mediation testing on a wide range of web and basic testing of mobile based applications.	Certified ECSA, JQUERY, MS.NET, ASP.NET

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value – ICICI bank

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary): Nessus Professional Scanner

- Burp Suite Professional
- Zed Attack Proxy
- WebScarab
- Spike Proxy
- Metasploit Framework
- SQLiX
- Absinthe
- Winhex
- DJ Decompiler
- VBReFormer
- Brutus
- APKInspector
- Error-Prone
- Echo Mirage
- Interactive TCP Relay
- NMAP
- Wikto
- Xprobe
- SINF
- Hping2
- Wireshark Network Stuff
- Process Monitor
- ScanrandSuperscan
- Bowser Extensions
- Amandroid
- Androwarn
- Android SDK

10. Outsourcing of Project to External Information Security Auditors / Experts: No (If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No

13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by **Qseap Infotech Pvt. Ltd.** on **26th October, 2020**

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s SecureLayer7 Technologies Private Limited

1. Name & location of the empanelled Information Security Auditing Organization :

SecureLayer7 Technologies Private Limited
Registered address: Plot No. 28, Vyankatesh Nagar, Beside Totala Hospital, Jalna Road, Aurangabad – 431001, Maharashtra
Operations Address: TeerthTechnospace, B Wing, SecureLayer7 Technology Private Limited, First Floor Teerth 2 work, Bengaluru - Mumbai Hwy, Baner, Pune, Maharashtra 411045

2. Carrying out Information Security Audits Since : **2016**

3. Capability to audit , category wise (add more if required)

- Network security audit
- Web-application security audit
- Wireless security audit
- IoT Devices Security Audit
- Ransomware Readiness Assessment
- Website Malware Removal
- SAP Security Assessment
- Red Team Assessment
- AWS Penetration Testing
- Firewall Configuration Review
- VoIP Penetration Testing
- Mobile Application Security
- Source Code Audit
- Compliance audits (ISO 27001, PCI, etc.)

4. Information Security Audits carried out in last 12 Months :

Govt. : **12**
 PSU : **05**
 Private : **04**
 Total Nos. of Information Security Audits done : **21**

5. Number of audits in last 12 months , category-wise

Network security audit : **02**
 Web-application security audit : **18**
 Compliance audits (ISO 27001, PCI, etc.) : **01**

6. Technical manpower deployed for informationsecurity audits :

CISSPs : **0**
 BS7799 / ISO27001 LAs : **0**
 CISAs : **0**
 DISAs / ISAs : **0**
 Any other information security qualification : **OSCP 05, CEH 08**
 Total Nos. of Technical Personnel : **50+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Sandeep Kamble	5 Years	9 Years	OSCP Certified
2	Rajasekara A	2 Years	5 Years	OSCP Certified
3	Hridyesh	2 Years	4 Years	ISO 27001
4	Tohuid Shaikh	3 Years	4 Years	OSCP Certified

5	AkshayDarekar	4 Years	6 Years	CEH, MCA Computer
6	Akash katare	2 Years	2 Years	BE-Computer

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Project	Assessment	Value
Eduvidhya Web Conferencing System Design for Online Learning	Security Audit - Vulnerability Assessment and Penetration Testing	Confidential

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Acunetix
- Nessus
- Nmap
- Wireshark
- OpenVAS
- Nikto
- Metasploit
- Burp-Suite
- W3AF
- SQLMap
- Kali Linux
- Custom scripts

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : **No**
11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : **No**
13. Locations of Overseas Headquarters/Offices, if any : **No**

* Information as provided by **SecureLayer7 Technologies Private Limited** on **October 26th 2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s SecurEyes Techno Services Pvt Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:

SecurEyes Techno Services Pvt Ltd.,
Registered Address:
3rd Floor, 3s, Swamy Towers, 51/27, outer Ring Road, Chinapanahalli, Marathahalli, Bengaluru (Bangalore) Urban, PIN 560037
Corporate Office:
4th Floor, Delta Block, Sigma Soft Tech Park, Whitefield Main Road, Varathur, Bangalore - 560066

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

- Network security audit - **Yes**
- Web-application security audit - **Yes**
- Wireless security audit - **Yes**
- Compliance audits (ISO 27001, PCI, etc.) - **Yes**
- Comprehensive Risk Management - **Yes**
- Application Security - **Yes**
- Vulnerability Assessment - **Yes**
- Code Security Review - **Yes**
- Enterprise Architecture Review - **Yes**
- Development & Review of Policy & Procedures - **Yes**
- Policy Implementation Review - **Yes**
- Regulatory Consultancy - **Yes**
- Custom ISMS Consultancy - **Yes**
- Training Services - **Yes**
- User & Identity Management - **Yes**
- Single Sign On - **Yes**
- Application Architecture Review - **Yes**
- Operational Security Guidelines - **Yes**
- Social Engineering Assessment - **Yes**
- Setting secure SDLC practice and Code security review - **Yes**
- Process Security Testing - **Yes**
- Red Teaming Assessments - **Yes**
- Physical Access and Environment Security Controls Review - **Yes**
- Advanced Penetration Resilience Testing - **Yes**
- Enterprise Security Architecture Review - **Yes**

4. Information Security Audits carried out in last 12 Months:

Govt.	:	196
PSU	:	367
Private	:	293
Total Nos. of Information Security Audits done	:	856

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

- Network security audit : **257**
- Application security audit : **511**
- Governance, Risk & Compliance (ISO 27001, PCI, etc.) : **13**
- Business Continuity Review : **1**
- Incident Management Review : **20**
- Information Security Awareness Program : **1**

- Red Teaming : 2
- Secure Configuration Review : 15
- Secure Code Review : 26
- VAPT : 4

Note: Some of the above audits may have been conducted for the same client through different times/duration during the year.

6. Technical manpower deployed for information security audits: 82

CISSPs	:	01
BS7799 / ISO27001 LAs	:	22
CISAs	:	08
CEH	:	57
SANS	:	4
CCNA	:	5
CCNP	:	02
SCSA	:	01
ECSA	:	09
Total Nos. of Technical Personnel	:	104

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with SecurEyes	Experience in Information Security	Qualifications related to Information security
1.	KK	14Y 1 M	19.50	CISA, CEH, ISO 27001, GCIH,
2.	SKP	14Y 1 M	18.50	CISA, CEH, SANS, ISO 27001
3.	UP	11Y6M	16.00	CEH, CISA, ISO 27001
4.	IMHB	1Y 10 M	13.00	ISO 27001
5.	SND	12Y 1M	12.00	ISO 27001, CISA, SANS GCIH, CEH
6.	SG	1Y 7 M	11.00	ISO 27001, CEHV9, CISSP, ECSA, CRISC
7.	MS	8 Y 6 M	8.00	ISO 27001
8.	PKV	3 Y 1 M	7.00	CEH V.10, CISC, CPH, CPFA
9.	KPT	4Y 6M	6.5	CEH, CISA, CAST 613-EC Council
10.	SKK	1Y 4M	6	CEH V10
11.	SD	1 Y 1M	5.6	CEH V10
12.	AAN	1 Y 6 M	5.40	CEH
13.	AS	5 Y 2 M	5.2	CEH, ISO 27001, CISA, SANS
14.	NM	5 Y 2 M	5.2	CEH, ISO 27001, CISA
15.	ARVV	2 Y 6 M	5.8	CEH V10
16.	TM	1 Y 6 M	.8	CEH
17.	SK	1 Y 1M	5	ECSA

S. No.	Name of Employee	Duration with SecurEyes	Experience in Information Security	Qualifications related to Information security
18.	MAL	2Y 6 M	4.7	CEH V.10
19.	KKO	1 YR 7 M	4.6	CEH V.9, CCNA
20.	PSK	3Y 8M	3.8	ISO27001, CEH
21.	VS	1Y 8 M	3.8	CEH V.10
22.	AP	3Y 8M	3.8	ISO27001, CEH, ECSA
23.	VK	2 Y 7 M	2.7	CEH
24.	DP	1Y 7 M	2.5	CEH V.10, ECSA
25.	SMK	3Y 8M	3.8	ISO27001, CEH
26.	TSR	3Y 8M	3.8	ISO27001, CEH
27.	UMR	5 Y 2 M	5.2	CEH, ISO 27001
28.	SP	10 M	4 Y	CEH
29.	RS	1 Y 6M	4 Y 6 M	
30.	RSP	4 M	3 Y 3M	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

The largest project handled in last year, was an end-to-end Information security, business continuity management & data privacy review for a large financial sector organization. The details of the project are mentioned below:

Project Scope:

1. Current State Assessment against Cyber Security, Business Continuity & Best Practices in the Data Privacy (including GDPR) including
 - a) Cyber Security Governance review both at the design and the implementation levels
 - b) Review of the Cyber Security Competency levels of the IT, IS & Business Continuity, Data Governance departments
 - c) InternalNetwork Penetration Testing (Blackbox) ofIPs
 - d) External Penetration Testing (Blackbox) of all Public IP addresses belonging to the Organization
 - e) Config Review of N/W Components
 - f) Config Review of Servers (OS, DB, Web & App Servers)
 - g) Config Review of Security Appliances
 - h) Remote Connectivity Review
 - i) Application Penetration Testing (Grey Box) of Applications
 - j) Review of the SOC practice including SOC Governance, Implementation & Operation
 - k) Review of Incident Management practice including IM Governance, Implementation & Operation
 - l) Conducting Social Engineering Test using spear phishing technique across Staff
2. Developing the Roadmap for the Highest Cyber Security Maturity Level
3. Multiple Periodic Re-assessments& Reviews for assessing current state
4. Red Teaming
5. Data Privacy Assessment
6. Business Continuity Assessment
7. Drafting of the Data Privacy Framework

Project Complexity:

This was a project for a financial sector organization having a large IT setup. The project covers a detailed assessment of technology, processes and people components for this critical sector organization. Large number of applications, infrastructure systems and networks were in the scope of the security assessment. The assessment included review of third-party interfaces which were implemented to enable business across multiple interested parties. The project required the assessment team to perform its review against local and international best practices, compliance requirements and regulatory standards. This was an approximately 35-man month project with the team carrying out assessments across locations.

Locations:

Middle-East

Project Value:

Rs. ~3.0 Crores

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

i. Commercial Tools

1. Nessus (Commercial Professional Version)
2. Burp Suite Professional
3. Fortify
4. WebInspect
5. Nexpose
6. And many more licensed or subscription based commercial tools

ii. Freeware Tools

1. Google Search
 2. SamSpade
 3. Tcp traceroute
 4. Nmap
 5. Sparta
 6. hping2
 7. Protos
 8. XProbe
 9. POf
 10. Nmap-cronos
 11. Httprint
 12. Smtpscan
 13. SinFP
 14. Metasploit Framework
 15. Nikto
 16. Cain & Cable
 17. SQL Map
- And many other open source tools

iii. Proprietary Tools

1. SecurEyes Centralized Vulnerability Management System
2. SecurEyes Advance Social Engineering Test System
3. SecurEyes Advanced Penetration Testing Toolkit
4. SeInfo_Grabber
(Tool used for application security reconnaissance)
5. SEWindowsXP_VA
(Tool for VA of windows XP)

6. SEWindows2003_VA
(Tool for VA of windows 2003)
7. SEWindows2008_VA
(Tool for VA of windows 2008)
8. SEWindows7_VA
(Tool for VA of windows 7)
9. SERedHat_VA
(Tool for VA of RedHat Linux)
10. SEAIX_VA
(Tool for VA of AIX)
11. SESolaris_VA
(Tool for VA of Solaris)
12. SEDB_VA
(Tool for VA of MS-SQL, MySQL, Oracle, PostGRE SQL)
13. SENW_VA
(Tool used for VA of network devices including switches, routers, Firewalls)

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**

(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization?
If yes, give details : **No**

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

SecurEyes FZC

SAIF Plus, R5-05/C, P.O Box: 122708,
Sharjah, United Arab Emirates

SecurEyes LLC

Desk No. 023, Business Centre, Abu Dhabi Airports Free Zone, PO Box: 2313,
Abu Dhabi, United Arab Emirates

SecurEyes KSA

3321, Al Sulaimaniyah Dist. Al Safwah Centre, Unit No. 28
Riyadh, 12223-7656, KSA

SecurEyes INC

310, Alder Road, P.O.Box: 841,
Dover, DE – 19904, USA

*Information as provided by **M/s. SecurEyes Techno Services Pvt.Ltd.** on **26 October 2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Security Brigade InfoSec Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization :

**Security Brigade InfoSec Pvt. Ltd.
3rd Floor, Kohinoor Estate, Lower Parel, Mumbai - 400013**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit , category wise (add more if required)

- Network security audit (Yes)
- Web-application security audit (Yes)
- Wireless security audit (Yes)
- Compliance audits (ISO 27001, PCI, etc.) (Yes)
- Red Team Assessment
- Web Application Penetration Testing
- Mobile Application Penetration Testing
- Network Penetration Testing
- Network Vulnerability Assessment
- Web Application Automated Vulnerability Assessment
- WAP Application Penetration Testing
- Thick Client Penetration Testing
- Firewall Configuration Review
- Wireless Penetration Testing
- Server Configuration Review
- Database Configuration Review
- Source Code Review
- Email Configuration Review
- Network Architecture Review
- Process and Policy Review
- Incident Response
- Spear Phishing Activity
- Data Leakage Gap Analysis
- Defacement Monitoring
- Forensics Investigation & Analysis
- Application Malware Scan
- Network Malware Scan
- ShadowMap

4. Information Security Audits carried out in last 12 Months :

Govt.	:	20+
PSU	:	80+
Private	:	400+
Total Nos. of Information Security Audits done	:	500+

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Network security audit	:	150+
Web-application security audit	:	300+
Wireless security audit	:	40+
Compliance audits (ISO 27001, PCI, etc.)	:	10+

6. Technical manpower deployed for information security audits :

CISSPs	:	<number of>
BS7799 / ISO27001 LAs	:	1
CISAs	:	<number of>
DISAs / ISAs	:	<number of>
Any other information security qualification	:	13
Total Nos. of Technical Personnel	:	15

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Yash Kadakia	Oct-06	20 years	ECPPT
2	JoshiChintankumar	Apr-11	10 Years	ECPPT
3	Abhinav Awasthi	Dec-16	3.8 Years	CEH
4	Ayush Kumar	Dec-17	2.8 Years	ISMS LA, CEH
5	Siddarth Gowrishankar	Dec-17	2.8 Years	CEH and CND
6	Ishan Patil	Jul-18	2.3 Years	ECPPT
7	Madhusudhan Kumar	Sep-18	2.3 Years	CEH
8	Deepak Kandpal	Oct-18	1.3 Years	CISEH
9	Abhishek Gupta	Nov-18	1.1 Years	CISEH
10	Niraj Shivtarkar	Dec-18	2 Years	CISEH
11	Aditya Patil	Mar-19	1.7 months	ECPPT
12	Joe Kurian	Jul-19	3.5 years	ECPPT
13	Ramneek	Jul-19	1 year	ECPPT
14	Sourav Kalal	June-20	4 months	-
15	Tejal Patel	June-20	4 months	-

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Quarterly Red Team Activity for Major Indian Start-up from various perspective of their infrastructure

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Information Gathering

- Bile-Suite
- Cisco torch
- SpiderFoot
- W3af
- Maltego
- SEAT
- In-House sdFinder
- ... and 50 other tools

Port Scanning

- Nmap
- In-House networkMapper
- Amap
- Foundstone
- hPing
- ... and 30 other tools

Application Security Assessment

- In-House webSpider
- In-House webDiscovery
- In-House webTester
- Achilles
- Sandcat
- Pixy
- W3af
- Nikto
- Paros
- ... and 100 other tools

Threat Profiling & Risk Identification

- In-House Risk Assessment
- ... and 5 other tools

Network & System Vulnerability Assessment

- Metasploit
- Nessus
- SAINT

- Inguma
- SARA
- Nipper
- GFI
- Safety-Lab
- Firecat
- Owasp CLASP
- Themis
- In-house VAFramework
- ... and 30 other tools

Exploitation

- Saint
- SQL Ninja
- SQL Map
- Inguma
- Metasploit
- ... and 100 other tools

Social Engineering

- Social-Engineering Toolkit (SET)
- Firecat
- People Search
- ... and 10 other tools

Privilege Escalation

- Cain & Abel
- OphCrack
- Fgdup
- Nipper
- Medusa
- Lynix
- Hydra
- ... and 40 others

Commercial Tools

- Nessus Commercial
- Burp Suite

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by **Security Brigade InfoSec Pvt. Ltd.** on **22/10/2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s TAC InfoSec Private Limited

1. Name & location of the empanelled Information Security Auditing Organization :

TAC InfoSec Private Limited

2. Carrying out Information Security Audits since : **2013**

3. Capability to audit , category wise

- Network security audit: **Yes**
- Web-application VAPT: **Yes**
- Wireless security audit: **Yes**
- Compliance audits (ISO 27001, PCI, etc.) : **Yes**
- Source Code Review: **Yes**
- Red Teaming: **Yes**
- Mobile application security audit: **Yes**
- Social Engineering: **Yes**
- Vulnerability Assessment: **Yes**

4. Information Security Audits carried out in last 12 Months :

Govt. : **50+>**
 PSU : **5+**
 Private : **200+**
 Total Nos. of Information Security Audits done : **1000+**

5. Number of audits in last 12 months , category-wise

Network security audit : **500+**
 Web-application security audit : **5000+**
 Wireless security audit : **100+**
 Compliance audits (ISO 27001, PCI, etc.) : **100+**
 Mobile Application Security Audit : **5000+**

6. Technical manpower deployed for information security audits :

CISSPs : **0**
 BS7799 / ISO27001 LAs : **3**
 CISAs : **0**
 DISAs / ISAs : **0**
 CSSP : **2+**
 CEH : **25+**
 Any other information security qualification : **10+**

 Total Nos. of Technical Personnel : **50+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1.	TA	7+	9+	-
2.	AJ	3+	4+	MSC Cyber Security, CEH
3.	AS	6+	6+	B-Tech (Information Technology)
4.	SK	3+	3+	CEH
5.	SS	3+	3+	CEH
6.	RK	3+	3+	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

One of the largest BFSI: 200+ Mobile Applications, 100+ Web Applications, 200+ Network Devices, Source Code Review, Configuration Review, and Risk Advisory.
Value of the Project was approx 90 Lacs.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

- 1.) Acunetix Consultant Edition (Commercial)
- 2.) Burp Suite Pro (Commercial)
- 3.) Dirbuster (Open Source)
- 4.) Nikto (Open Source)
- 5.) OWASP ZAP Proxy

Network VAPT:

- 1.) Nessus Vulnerability Scanner
- 2.) Wireshark
- 3.) Cain & Abel
- 4.) Metasploit
- 5.) smbclient
- 6.) snmpenum
- 7.) enum4linux
- 8.) netcat
- 9.) nslookup
- 10.) Exploit codes from exploit.db
- 11.) Other Kali OS tools as per the vulnerability

Configuration Review (OS & Devices):

- 1.) Nessus
- 2.) Nipper freeware
- 3.) Manual review

Wireless Penetration Testing:

- 1.) Atheros wifi card
- 2.) Aircrack-ng
- 3.) Wapiti
- 4.) Wifi - Pineapple

Red-Team:

- 1.) Malicious USB
- 2.) TAC PhishInfielder (TAC's tool)
- 3.) Payloads (Self-Created)
- 4.) Other tools in kali OS.

10. Outsourcing of Project to External Information Security Auditors / Experts (If yes, kindly provide oversight arrangement (MoU, contract etc.)) : No
11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization? If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : No

*Information as provided by **TAC InfoSec Private Limited** on **26/10/2020**

**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s TATA Communications Ltd

1. Name & location of the empanelled Information Security Auditing Organization:

**TATA Communications Ltd,
Tower 4, 4th to 8th Floor, Equinox Business Park,
LBS Marg, Kurla (W), Mumbai 400070**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit , category wise (add more if required)

- Cyber Security Maturity Assessment (Y)
- Compliance audits (ISO 27001, PCI, etc.) (Y)
- Network security Audit (Y)
- Vulnerability Assessment and Management (Y)
- Penetration Testing (Infra/App) (Y)
- Web-application security audit (Y)
- Mobile Application security assessment (Y)
- Phishing Simulation Exercise (Y)
- Regulatory Audit/Assessment (Y)
- Wireless security audit (Y)
- Red Team Assessment (Y)

4. Information Security Audits carried out in last 12 Months :

Govt.	:	10
PSU	:	20
Private	:	50
Total Nos. of Information Security Audits done :		80+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

- | | | |
|---|---|-----------|
| • Network security audit | : | 15 |
| • Vulnerability Assessment | : | 75 |
| • External Penetration Testing | : | 50 |
| • Web and Mobile application security audit | : | 50 |
| • Wireless security audit | : | 10 |
| • Compliance audits (ISO 27001, PCI, etc.) | : | 20 |
| • Red Teaming Assessment | : | 2 |
| • Phishing Simulation Exercise | : | 4 |

6. Technical manpower deployed for information security audits :

CISSPs	:	10
BS7799 / ISO27001 LAs	:	20
CISAs	:	8
Any other information security qualification (CEH, ECSA, Pentester Academy, CREST)	:	15
Total Nos. of Technical Personnel	:	300+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Tata Communications	Experience in Information Security	Qualifications related to Information security

1	Mohan Dass <mohan.dass@tatacommunications.com>	12	23	CEH, ECSA, CHFI, CCSK, CISSP, QGCS
2	Rajaguru G S <rajaguru.gs@tatacommunications.com>	12	14	CEH, ITIL, QCS, ISO 27701 LA
3	Janardan Shinde <janardan.shinde@tatacommunications.com>	10	1.5	CCNA, OSCP, ITIL, CISA
4	Saranya Manoharan <saranya.manoharan@tatacommunications.com>	3	9	OSCP (Offensive Security), CREST Practitioner Security Analyst (CPSA), CEH (Certified Ethical Hacker), Qualys Guard certified specialist
5	Prasath Jayasundar <Prasath.Jayasundar@tatacommunications.com>	3	8	CREST Practitioner Security Analyst (CPSA), CEH, Qualys Guard certified specialist in Vulnerability Management, CCSK
6	Divya Dilli <divya.dilli@tatacommunications.com>	3	6	CEH, Qualys Guard certified specialist
7	Navdeep Sethi <navdeep.sethi@tatacommunications.com>	1	6	CEH, CCNA, Qualys Guard VM Certified
8	Nissmole Srambikal <nissmole.srambikal@tatacommunications.com>	2	5.5	CEH, ECSA

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Application Security audit for one of the largest Rating/Research organisation in India, covering Security Audit for all their critical business applications and infrastructure across global locations. Deal value is around INR 50Lakh.

Security Assessments including the Infrastructure Vulnerability assessment, Penetration testing, Application Security testing, web application monitoring and GRC implementation for one of the largest PSU Banks in India to manage their complete security area of the organisation, deal value including all security services is around INR 2Cr.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- Nessus Pro
- Qualysguard (VMDR)
- Tenable.sc, Tenable.io
- Metasploit Pro
- Burpsuite Pro
- NMAP
- Kali Linux
- Nipper Studio
- AlgoSec

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No
12. Whether organization is a subsidiary of any foreign based organization?
If yes, give details : No
13. Locations of Overseas Headquarters/Offices, if any : Yes

Dubai Office

- Office No. 308, Building No. 12, Dubai Internet City, Dubai, United Arab Emirates. Tel: 80033111133

Singapore Office

- 18 Tai Seng Street, 18 Tai Seng, #04-01, Singapore 539775 , Tel +65 6632 6700, Tel: 1800 555 4357

A list of Tata Communications office locations worldwide can be found at <https://www.tatacommunications.com/about/offices/>

*Information as provided by Tata Communications Ltd on 26-Oct-2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s AKS Information Technology Services Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization :

**AKS Information Technology Services Pvt. Ltd.,
B-21, Sector – 59, Noida (UP) - 201309**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) YES
- Vulnerability Assessment & Penetration Testing (Y/N) YES
- Web-application security audit (Y/N) YES
- Mobile Application Audit (Y/N) YES
- Wireless security audit (Y/N) YES
- Implementation & Compliance of Security standards/regulations (ISO 27001, ISO 22301, ISO 20000, ISO 25000, ISO 27701, GDPR,PCI etc.) YES
- Payment Gateway Audit (Y/N) YES
- Industrial Control Systems (SCADA, DDCMIS, DCS) Audit (Y/N) YES
- IT & OT Audit of Power Generation, Power Transmission & Power Distribution YES
- Telecom Audit (Y/N) YES
- Information Systems Audit (Y/N)
- IS Audit of Bank as per RBI Gopalakrishna Committee Report, SEBI guidelines YES
- Compliance audit as per Government Guidelines (IT Act, CVC, RBI, SEBI etc.) (Y/N) YES
- IT Risk Assessment (Y/N) YES
- Formulation of IT policies & Procedures (Y/N) YES
- Data Migration Audit (Y/N) YES
- UIDAI AUA/KUA Audit (Y/N) YES
- ERP Audit (SAP, Oracle etc) (Y/N) YES
- Source Code Review (Y/N) YES
- Load Testing/Performance Testing (Y/N) YES
- Functional Testing (Y/N) YES
- Usability Testing (Y/N) YES
- Portability Testing (Y/N) YES
- Inter-operability Testing (Y/N) YES
- Accessibility Testing (Y/N) YES
- Configuration & Compatibility Testing (Y/N) YES
- Digital Forensics Investigation (Mobile Forensics, Computer Forensics, Audio/Video Forensics, Network Forensics, CDR Analysis, Email Forensics etc.) (Y/N) YES

4. Information Security Audits carried out in last 12 Months :

Govt	:	650
PSU	:	70
Private	:	250
Total Nos. of Information Security Audits done	:	970

5. Number of audits in last 12 months , category-wise

- Network security audit 100+
- Vulnerability Assessment & Penetration Testing 100+
- Web-application security audit 600+
- Mobile Application Audit 80+
- Wireless security audit 10+
- Implementation & Compliance of Security standards/regulations (ISO 27001, ISO 22301, ISO 20000, ISO 25000, ISO 27701, GDPR,PCI etc.) 5+
- Payment Gateway Audit 20+
- Industrial Control Systems (SCADA, DDCMIS, DCS) Audit 30+
- IT & OT Audit 30+
 - (Power Generation, Power Transmission & Power Distribution)
- Telecom Audit 5+
- Information Systems Audit 50+

- IS Audit of Bank as per RBI Gopalakrishna Committee Report & SEBI guidelines 10+
- Compliance audit as per Government Guidelines (IT Act, CVC, RBI, SEBI etc.) 10+
- IT Risk Assessment 10+
- Formulation of IT policies & Procedures 10+
- Data Migration Audit 5+
- UIDAI AUA/KUA Audit 10+
- ERP Audit (SAP, Oracle etc) 5+
- Source Code Review 10+
- Load Testing/Performance Testing 10+
- Functional Testing 10+
- Source Code Review 5+
- Load Testing 5+
- Functional Testing 5+

6. Technical manpower deployed for information security audits :

CISSPs	:	02
BS7799 / ISO27001	:	12
CISAs	:	06
DISAs / ISAs	:	00
CEH/CCNA/CASP/MBCI/OSCP	:	50+
Total Nos. of Technical Personnel	:	70+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Working with AKS IT since	Experience in Information Security (Yrs)	Qualifications related to Information security
1.	Ashish Kumar Saxena	Sep 2006	21+	CISSP, CISA, MBCI, ISO 27001
2.	Anil Malik	Feb 2016	17+	BS 7799 LA, ISO 27001 (Implementer – Trained)
3.	Deepak Sherawat	June 2013	21+	ITIL, ISO 27001
4.	Anshul Saxena	Nov 2014	11+	MS (Information Security), CASP
5.	Ravi Chaubey	May 2013	16+	CEH, CISA, CISSP, ISO 27001 LA
6.	Devesh Rawat	Dec 2015	5.0	CEH
7.	Yogendra Singh	May 2016	9.0	CEH
8.	Siddharth Shukla	Jan 2015	6.0	CEH
9.	Pragya Varshney	Jun 2016	4.5	CEH, ISO 27001 LA
10.	Mahesh L Singh	Jan 2017	4.0	CEH
11.	Viswanathan G.	Jan 2018	3.0	CEH, OSCP
12.	Rupika	Feb 2018	3.0	CEH
13.	Prakash Chandra Binwal	Feb 2018	12+	CEH, ISO 27001
14.	Akshay Kumar K	Mar 2018	5.0	CEH
15.	Himanshu Dubey	Dec 2017	3.0	CEH
16.	Pankaj Singh	Nov 2017	4.5	CEH

17.	Sonu Sahu	Sep 2018	3.0	CEH, OSCP
18.	Parthsarathi Biswal	May 2018	2.5	CEH
19.	Deepika	June 2018	2.5	CEH
20.	Snehita	July 2018	2.5	CEH
21.	Sheela	Aug 2018	2.5	CEH
22.	Pritam Das	Aug 2018	2.5	CEH
23.	Faisal Shadab	Sep 2018	2.5	CEH, OSCP
24.	Jyoti Sharma	Oct 2018	2.0	CEH
25.	Onkar Babar	Sep 2013	7+	CEH, ISO 27001
26.	Alok Kumar	Jun 2018	4+	CCNA, CEH
27.	Gurpreet Singh	June 2018	2+	CEH
28.	Ankur Kumar	June 2018	2.5	CEH
29.	Vignesh RG	Jul 2018	2+	CEH
30.	Arjit Agrawal	July 2015	5.5	CASP
31.	Shiva Sunar	June 2016	4.5	CEH, ISO 27001
32.	Piyush Garg	Jun 2016	4.5	CASP
33.	Antony Ukken	Jun 2018	2.5	CASP
34.	Ankur Upadhyay	Jun 2018	2.5	CASP
35.	Manoj Kumar Singh	Dec 2018	2+	CHFI
36.	Arnav Shukla	Jan 2019	2	CEH
37.	Devendra Kumar Yadav	Jan 2019	2	CEH
38.	Sachin Singh	Apr 2019	1.5	CEH
39.	Janmejay Singh Parihar	Apr 2019	2.5	CEH
40.	Amit Kumar	July 2019	4	CEH
41.	Shubham Saxena	July 2019	1.5	CEH
42.	Ome Mishra	July 2019	1.5	CEH
43.	Prashant Thakur	July 2019	1.5	CEH
44.	Sahil Verma	Aug 2019	1.5	CASP
45.	Sachin Sharma	Aug 2019	1.5	CEH
46.	Rupanshi Sharma	Aug 2019	1.5	CEH

47.	Nitin Sharma	Oct 2019	1+	CASP
48.	Ayush Sharma	Jan 2020	1.0	CEH
49.	Adarsh Giri	Jan 2020	1.0	CASP
50.	Anmol Bagul	Feb 2020	1.0	CEH
51.	Vaibhav Chavan	Feb 2020	1.0	CEH
52.	Y. Hemanth Kumar	Feb 2020	1.0	CEH
53.	Sandy Sharma	Feb 2020	1.0	CASP
54.	Mohit Maurya	Aug 2020	1+	CEH
55.	Abhijeet Singh	Aug 2020	1.0	CEH
56.	Akash Anand Gupta	Jun 2020	3+	CASP
57.	Aditya Pratap	Jun 2020	1.0	CHFI
58.	LokeshBurlia	Sep 2020	1+	CASP
59.	Rohit Dharan	Sep 2020	2+	CEH,CHFI
60.	Harshit Prajapat	Sep 2020	1.0	CEH

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Carrying out Cyber Security Audit for one of the National Level Power Sector Project including audit of SCADA system, Project value is approx. 1.3 Crore
- Carried out Infrastructure, Process & Security Audit of one of the competition exam conducted online. Total Number of Nodes were approx. 2,00,000. 31 different cities with 276 locations. Project value was approx. 70 Lakh
- Carried out IT Security Audit, ISO 25000 for one of the International Stock Exchange. Project value was approx. 43 Lakhs.

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Freeware Tools

- Nmap, Superscan and Fport - Port Scanners
- Metasploit framework, Netcat, BeEF, Cain & able, Hydra, John the ripper - Penetration Testing & Password cracking
- Process explorer, Sigcheck, Kproccheck - Windows Kernel & malware detection
- Netstumbler, Aircrack-ng suite & Kismet – WLAN Auditing
- OpenVas, W3af, Nikto - Vulnerability scanner
- Wireshark – Packet Analyser

Commercial Tools

- Nessus– Vulnerability Scanner
- Burp Suite, Acunetix - Web application auditing
- Immunity Canvas – Penetration Testing
- Passware: Password Cracking
- Manage Engine, Solarwind – Network Performance Testing
- Arbutus Analyzer - Migration Audit & Log Analysis
- Social Engineering ToolKit – Internet Evidence Finder
- Forensics Imaging and Analysis: FTK and Tableau, Paraben E3:DS

- Data Recovery Tool: E4SeUS Recovery Wizard
- CDR Analysis Tool: ASI CDR & Tower Dump Analysis Tool
- Video Forensics: Kinesense LE
- Mobile Forensics: MobilEdit, UFED4PC
- Proprietary Tools - ISA Log Analyzer, HaltDoS Web Application Firewall (WAF), HaltDoS Traffic inspector

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : No

12. Whether organization is a subsidiary of any foreign based organization? : No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : No

* Information as provided by AKS Information Technology Services Pvt. Ltd. on 26th Oct 2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.

1. Name & location of the empanelled Information Security Auditing Organization:

**ALLIED BOSTON CONSULTANTS INDIA PVT. LTD.
NOIDA, BANGALORE, HYDERABAD, KOLKATA, PUNE**

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **YES**
- Systems (servers, desktops, laptops) security audit (Y/N) : **YES**
- IT Infra Devices Configuration audit (Y/N) : **YES**
- Wireless security audit (Y/N) : **YES**
- Web-application security audit (Y/N) : **YES**
- Mobile Application audit (Y/N) : **YES**
- Application Source Code Review (Y/N) : **YES**
- Operational Technology (SCADA, ICS, IoT devices, etc.) audit (Y/N) : **YES**
- Cyber Forensic (Y/N) : **YES**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **YES**
- Data Centre, SOC & NOC audits (Y/N) : **YES**

4. Information Security Audits carried out in last 12 Months :

Govt. : **10**
 PSU : **02**
 Private : **19**
 Total Nos. of Information Security Audits done : **31**

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **04**
 Web-application security audit : **27**
 Wireless security audit : **0**
 Source Code Review : **02**
 Mobile application audit : **01**
 Thick-Client audit : **01**
 Compliance audits (ISO 27001, PCI, etc.) : **0**

6. Technical manpower deployed for information security audits :

CISSPs : **0**
 BS7799 / ISO27001 LAs : **06**
 CISAs : **02**
 DISAs / ISAs : **0**
 Any other information security qualification : **05**
 CEH, OSCP : **03**
 CHFI : **01**
 Total Nos. of Technical Personnel : **11**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	T. Ganguly	16 years	30 years	ISMS LA
2	Arun Mathur	1.5 years	30 years	CISA, ISMS LA
3	Satish G. Meda	4.5 years	28 years	CISA, ISMS LA, CRISC
4	Yatindra Shrivastava	6 years	27 years	ISMS LA, CRISC, ISO 31000 risk management
5	S.K. Thilakan	1 year	24 years	MCSE, Dipl. Electronics & Telecommunications

6	Ravi V. Reddy	1 year	15 years	Certified Software Test Engineer, Microsoft certified data scientist
7	Rahul Das	10 months	10 years	ISMS LA, RSA certified, Kaspersky certified, Rapid7 inSightVM certified Administrator
8	Khiladi Bayal	8 months	8 years	OCSP, CEH, ISMS LA
9	Avinash Kalal	4 months	6 years	MCA, CEH
10	Chitranshu Jain	1 year	3 years	CEH, CCNA, TCP-IP
11	Nikhil Kumar	3 months	1.5 years	CISEH, CEH, CHFI

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Energy InfoTech Centre (An IT division of Chhattisgarh State Power Company) at Raipur covering security risk assessment and implementation of ISO 27001 security controls in DC, DR and services provided by Customer Care Centre and conducting VAPT for large number of servers and network devices, SAP & other applications at their DC&DR sites, conducting periodical IT Audits. Project value of Rs. 19,87,140.
- A smart city project involving security assessment (VAPT, Configuration audits) of thick-clients, SCADA & other IoT devices, web applications, servers, network devices, etc.
- A banking software development company requiring VAPT/ security audit of website, mobile application and source code review.
- A software development company working for central govt. (ministry) requiring security audit of website, CMS backend, mobile application (android and iOS).
- A mid-size IT infrastructure company requiring VA / configuration audit of internal devices (servers, UTM/firewall, switch, wireless controller) and PT of UTM/firewall device.
- Defense organizations under MoD to carry out security audits of IT systems.

9. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Commercial Tools	Freeware tools	Proprietary tools
<ul style="list-style-type: none"> • Burp Suite professional • Nessus Professional • Rapid7 (Nexpose) • Qualis (On demand) • Acunetix • EnCase 	<ul style="list-style-type: none"> • Kali Linux and applications • OWASP-ZAP • Open Vas • SQLMAP • AirCrack Suite • Zenmap • Vega • Nikto • Wireshark • Metasploit • TestSSL • SSLScan • MobSF • Android Emulator • Hydra • Ubuntu VMs • DirBuster etc. 	<ul style="list-style-type: none"> • Custom developed Scripts for cyber forensic

10. Outsourcing of Project to External Information Security Auditors / Experts : **NO**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **NO**

12. Whether organization is a subsidiary of any foreign based organization? : **NO**
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any

:

NO

*Information as provided by **Allied Boston Consultants India Pvt. Ltd.** on **26-Oct-2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Network Intelligence (I) Pvt. Ltd.

1. Name & location of the empanelled Information Security Auditing Organization:

Network Intelligence (I) Pvt. Ltd.

Registered Office:

2nd Floor, 204, Ecospace IT Park, Andheri-E,
Mumbai – 400069, Maharashtra, India.
Maharashtra, India.

Business Operating Office:

5th Floor, Lotus Business Park, Andheri West,
Mumbai – 400053, Maharashtra. India.

2. Carrying out Information Security Audits since : **2001**

3. Capability to audit, category wise (add more if required)

- **Subcategory: Technical Security Assessments**

- ✓ Network Security: Yes
- ✓ Web Application and Web Services Security: Yes
- ✓ Mobile Application / Thick-Client: Yes
- ✓ Source Code Review: Yes
- ✓ Infrastructure VAPT, PCI ASV Scanning: Yes
- ✓ VOIP and IVR Testing: Yes
- ✓ Configuration Review (Operating Systems, Databases, Network Devices) : Yes
- ✓ Configuration Review (Security Solutions such as PIM, DAM, WAF, etc.): Yes
- ✓ Wireless Security Audit: Yes

- **Subcategory: Strategic Assessments**

- ✓ ERP Security (SAP, Oracle): Yes
- ✓ Cloud Security Assessment: Yes
- ✓ Application Security Design Review: Yes
- ✓ Banking Products -SWIFT, Finacle, etc.: Yes
- ✓ DevOps Security: Yes
- ✓ Blockchain Assessment: Yes
- ✓ SDLC Gap Assessment: Yes
- ✓ OT and IoT Security Assessment: Yes
- ✓ ICS Security Assessment: Yes

- **Subcategory: Offensive Assessments**

- ✓ Red Team Assessment: Yes
- ✓ Adversary Simulation: Yes
- ✓ Password Cracking: Yes
- ✓ DDoS Simulation: Yes
- ✓ Bug Bounty Program: Yes
- ✓ Phishing / Spear Phishing: Yes
- ✓ Vishing, Smsing: Yes

- **Subcategory: Advisory and Consulting**

- ✓ Technical Security Audits: Yes
- ✓ Maturity Assessment as per frameworks (C2M2, NIST, etc.): Yes
- ✓ War Game Assessment: Yes
- ✓ Remediation Consulting: Yes
- ✓ Data Flow and Data Classification: Yes
- ✓ Awareness Drills: Yes

4. Information Security Audits carried out in last 12 Months:

Govt. & PSU's	:	70+
Private	:	500+
Total Nos. of Information Security Audits done	:	570+

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	70+
Web& Mobile Application security audit	:	400+
Wireless security audit	:	40+
Compliance audits (ISO 27001, PCI, etc.)	:	70+
ICS & OT Security Audits	:	5

6. Technical manpower deployed for information security audits:

Certifications	Count
Certified Ethical Hacker	119
Offensive Security Certified Professional (OSCP)	15
Certified Information Security Consultant (CISC)	131
Certified Information Systems Auditor (CISA) & Certified Information Systems Security Professional (CISSP)	10
Associate Fellow of Business Continuity Institute (AFBCI by The BCI, UK) / Certified Business Continuity Professional (CBCP by DRI International USA)	2
CREST Certified	2
PCI DSS Qualified Security Assessor (QSA)	6
ISO 27001 Lead Auditor / Lead Implementer/ ISO9001 / ISO 14001 / ISO23001 / BS25999 / ITIL / ISO20000 / ISO22301	45
<u>Cyberark/Imperva/QRadar/Arcsight</u> Certified	30
Certified Professional Hacker (CPH) / Certified Professional Forensics Analyst (CPFS)	149

Total Nos. of Technical Personnel: **400+**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

The following list is a subset of our technical personnel

S. No.	Technical Personnel's Name	Place of Posting	Working with the organization since (month & year)	Information Security related qualifications (CISSP/ISMS LA / CISM/ CISA/ ISA etc., state as applicable)	Total experience in information security related activities (years)	Credentials verified by organization (Yes/No)	Self-signed copy of Passport (if any) (Yes/No)	Specify in Yes/No whether the person will be deployed for government and critical sector audits/projects
1.	Shubham Jain	Noida	July 2015	ISMS LA	5.5	Yes	Yes. Can be submitted if required	Yes
2.	Mohit Suyal	Noida	September 2015	ISMS LA	7.5	Yes	--same as above	Yes
3.	Atul Jaiswal	Noida	April 2017	ISMS LA	3.5	Yes	--same as above	Yes

							--	
4.	Poulomi Biswas	Mumbai	April 2019	CISA	8.5	Yes	--same as above --	Yes
5.	Shweta Bharaswadkar	Mumbai	April 2019	CISA	9	Yes	--same as above --	Yes
6.	Sahil Bakshi	Mumbai	Dec 2018	CISSP	7	Yes	--same as above- -	Yes
7.	Vishal Jain	Noida	May 2018	CISA	4	Yes	--same as above --	Yes

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S.No	Category (Govt./PSU/Private)	Brief Description of Scope of Work	Details of Contact Person at Auditee Organization (Name, email, website URL, Mobile, telephone, fax, etc)	Additional Info.
1	Private	We are doing Application security assessment and source code review for all Yes Bank Group's application	Yes Bank, Ms. Anuprita Daga, CISO	Apart from these, we are regularly conducting RBI audit, UPI Audit, NPCI Audit and other regulatory audits for the bank. We are also conducting third party vendor audit for banks' vendors
2	Private	Application Security Testing Source Code Review Bug Bounty, GRC services	Kotak Bank Mr. Jaypaul Reddy	We also manage the Incident Response for the bank
3	Private	For Bombay stock exchange, we carry out their yearly "Annual Systems Audit" as per SEBI circular. Also, we do SWIFT security audit for BSE environment	Bombay Stock Exchange Mr. Shivkumar Pandey CISO	We also work with BSE for providing Shared SOC Services for their members

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Nessus Professional, Burp Suite, Fortify, BlueScope, FireSec, Qualys, Cylance

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

No. We do not outsource security auditing work to 3rd parties.

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **Yes**

We have partnered with various international security solutions which we are reselling and / or providing support in the region. Some of the 3rd party products are:

- IBM QRadar
- HP ArcSight & Fortify
- Qualys
- Tenable Nessus
- Appknox

- Checkmarx
- TripWire
- Cylance
- CyberArk

12. Whether organization is a subsidiary of any foreign based organization?
If yes, give details : **No**

13. Locations of Overseas Headquarters/Offices, if any : **Yes**

Listing of our branch offices is given below

USA

Network Intelligence LLC
16192, Coastal Highway,
Lewes, Delaware 19958,
County of Sussex

UAE

Network Intelligence India Pvt Ltd
803, Blue Bay Tower, Business Bay,
Dubai, United Arab Emirates

Singapore

Network Intelligence Pte Ltd
30 Cecil Street
#19-08 Prudential Tower
Singapore (049712)

Netherland

Network Intelligence Europe B.V.
Bezoekadres Herengracht 420,
1017BZ Amsterdam

* Information as provided by <Network Intelligence India Pvt. Ltd.> on <26th October 2020>

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Price water house Coopers Pvt. Ltd. (PwC PL)

1. Name & location of the empanelled Information Security Auditing

Price water house Coopers Pvt. Ltd. (PwC PL)

S No.	Location	Address
1.	Ahmedabad	PricewaterhouseCoopers Pvt Ltd 1701, 17th Floor, Shapath V, Opp. Karnavati Club, S G Highway Ahmedabad, Gujarat 380 051, Telephone: [91] (79) 3091 7000
2.	Bangalore	PricewaterhouseCoopers Pvt Ltd The Millenia, Tower D, # 1 & 2 Murphy Road, Ulsoor Bangalore, Karnataka 560008 Telephone: [91] (80) 4079 4000, 5000, 6000, 7000 Telecopier: [91] (80) 4079 4222
3	Bhopal	PricewaterhouseCoopers Pvt Ltd OB 2, 2nd floor, D B Corporate Park, D B Mall, Arera Hills, M P Nagar, Bhopal, Madhya Pradesh 462011, India Telephone: [91] (755) 676 6202
4	Chennai	PricewaterhouseCoopers Pvt Ltd Prestige Palladium Bayan, 8th floor 129-140, Greams Road, Chennai, Tamil Nadu 600 006 Telephone: [91] (44) 4228 5000 Telecopier: [91] (44) 4228 5100
5	Dehradun	PricewaterhouseCoopers Pvt Ltd Premises No. 11, 2nd Floor, Mak Plaza, Municipal no 75A Rajpur Road, Dehradun, Uttarakhand 248002, India Telephone: [91] (135) 2740729
6	Delhi NCR	PricewaterhouseCoopers Pvt Ltd 7th Floor, Building No.8, Tower-C DLF Cyber City, Gurgaon, Haryana 122002 ; Telephone: [91] (124) 626 6600 ; Telecopier: [91] (124) 626 6500
		PricewaterhouseCoopers Pvt Ltd Building 10, Tower C, DLF Cyber City, Gurgaon, Haryana 122002 , Telephone: [91] (124) 330 6000, Telecopier: [91] (124) 330 6999
		PricewaterhouseCoopers Pvt Ltd Building 8, Tower B, DLF Cyber City, Gurgaon, Haryana 122002 ; Telephone: [91] (124) 462 0000, 306 0000 ; Telecopier: [91] (124) 462 0620
7	Hyderabad	PricewaterhouseCoopers Pvt Ltd Plot no. 77/A, 8-624/A/1 , 3rd Floor , Road No. 10 , Banjara Hills , Hyderabad, Telangana 500 034 Telephone: [91] (40) 4424 6000 Telecopier: [91] (40) 4424 6300
8	Kolkata	PricewaterhouseCoopers Pvt Ltd Plot No Y-14, Block EP, Sector V, Salt Lake Electronics Complex Bidhan Nagar, Kolkata, West Bengal 700 091 Telephone: [91] (33) 2357 9260, 7600 Telecopier: [91] (33) 2357 7496, 7456
		PricewaterhouseCoopers Pvt Ltd, Plot Nos 56 & 57, Block DN-57, Sector-V, Salt Lake Electronics Complex, Kolkata, West Bengal 700 091 Telephone: [91] (33) 2357 9100, 9101, 4400 1111 Telecopier: [91] (33) 2357 3395, 2754
9	Mumbai	PricewaterhouseCoopers Pvt Ltd, 252 Veer Savarkar Marg, Next to Mayor's Bungalow, ShivajiPark, Dadar Mumbai, Maharashtra 400 028 Telephone: [91] (22) 6669 1000 Telecopier: [91] (22) 6654 7800/7801/7802
		PricewaterhouseCoopers Pvt Ltd, NESCO IT Bld III, 8th Floor, NESCO IT Park, Nescso Complex, Gate No. 3 Western Express Highway ,Goregoan East, Mumbai, Maharashtra 400 063 Telephone: [91] (22) 6119 8000 Telecopier: [91] (22) 6119 8799
		PricewaterhouseCoopers Pvt Ltd, PwC House, Plot No. 18 A, Guru Nanak Road (Station Road), Bandra, Mumbai, Maharashtra 400 050

		Telephone: [91] (22) 6689 1000 Telecopier: [91] (22) 6689 1888
10	Pune	PricewaterhouseCoopers Pvt Ltd Tower A - Wing 1, 7th floor Business Bay Airport Road Yerwada, Pune, Maharashtra 411006 Telephone: [91] (20) 4100 4444 Telecopier: [91] (20) 4100 6161
11	Raipur	Unit No 004, 9th Floor, Tower C Commercial Complex, CBD, Sector 21, Naya Raipur Raipur, Chhattisgarh 492002, India Telephone: [91] (771) 242 9100
12	Shimla	PricewaterhouseCoopers Pvt Ltd Eastlin Complex, Near Himurja SDA Commercial Complex Kusumpti, Shimla, Himachal Pradesh 171009, India Telephone: [91] (177) 2971828

2. Carrying out Information Security Audits since : **1992**

3. Capability to audit, category wise (add more if required)

• Network security audit (Y/N)	:	Y
• Web-application security audit (Y/N)	:	Y
• Wireless security audit (Y/N)	:	Y
• Compliance audits (ISO 27001, PCI, etc.) (Y/N)	:	Y
• Mobile Application Security audit	:	Y
• API security audit	:	Y
• IoT security audit	:	Y
• Red teaming exercise	:	Y
• Secure configuration audit (Server, Firewall, etc.)	:	Y
• Source Code Review	:	Y

4. Information Security Audits carried out in last 12 Months:

Govt.	:	50+
PSU	:	10+
Private	:	250+
Total Nos. of Information Security Audits done	:	300+

5. Number of audits in last 12 months, category-wise (**Organization can add categories based on project handled by them**)

Network security audit	:	50+
Web-application security audit	:	50+
Wireless security audit	:	25+
Compliance audits (ISO 27001, PCI, etc.)	:	50+

6. Technical manpower deployed for information security audits :

CISSPs	:	5+
BS7799 / ISO27001 LAs	:	50+
CISAs	:	15+
DISAs / ISAs	:	NA
Any other information security qualification (OSCP, CEH, CISM, DCPD etc.)	:	400+
Total Nos. of Technical Personnel	:	600+

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with <organization>	Experience in Information Security	Qualifications related to Information security
1	Rajinder Singh	6 Years	15 Years	CISSP, CIPP/US, CIPP/E etc.
2	Ankit Goel	5 Years	10 Years	CEH, OWASP Member etc.
3	Faiz Haque	6 Years	6years	ISO 27001 LA, DCPD etc.
4	G Karthik	3 Years	3 Years	ISO 9001 LA

5	Sameer Gupta	4 Years	3 Years	CISSP
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8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

PwC PL is providing Cyber Security services for the last 20+ years for various clients including large public sector organizations, State government departments, and Central government departments in India. As part of our services we perform end to end design implementation, review and operations services across various aspects of Cyber security.

Project Value (s): *Confidential*

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

PwC PL has a dedicated Cyber security lab which is used to provide cyber security assessment and testing services to various clients in India. The lab is equipped with various commercial tools, freewares and PwC proprietary tools that are used to provide various services.

10. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details :

PricewaterhouseCoopers Pvt. Ltd. is a distinct and separate legal entity incorporated under the Companies Act, 1956 and engaged in rendering advisory and consulting services.

12. Whether organization is a subsidiary of any foreign based organization? : No

13. Locations of Overseas Headquarters/Offices, if any : NA

*Information as provided by **PricewaterhouseCoopers Pvt. Ltd.** on **26/10/2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Xiarch Solutions Private Limited

1. Name & location of the empanelled Information Security Auditing Organization :

**M/s Xiarch Solutions Private Limited,
352, 2nd Floor, Tarun Enclave, Pitampura,
New Delhi-110034, India
Ph: 011 - 4551 0033, 9810874431
Fax 011 - 6617 3033**

2. Carrying out Information Security Audits since : **2008**

3. Capability to audit, category wise (add more if required)

- Network security audit (Y/N) : **Yes**
- Web-application security audit (Y/N) : **Yes**
- Wireless security audit (Y/N) : **Yes**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Yes**
- Cyber Forensics investigations : **Yes**
- API Security Audit : **Yes**
- Mobile Application Security Audit (iOS, Android) : **Yes**
- Source Code Review/Audit : **Yes**
- IS Audit : **Yes**
- Network Performance Testing : **Yes**
- SOC 2 Type 1 & Type 2 : **Yes**
- GDPR Compliance : **Yes**
- Load Testing : **Yes**
- ISNP Audit : **Yes**
- Root Cause Analysis : **Yes**
- AUA/KUA (Aadhaar Audit) : **Yes**
- AEPS & Aadhaar Pay Micro ATM Audit : **Yes**
- Email Spear Phishing : **Yes**
- Compliance Audit (RBI, SEBI, NHB, Stock Exchanges) : **Yes**
- IT/OT Infrastructure Audit : **Yes**
- IT General Controls : **Yes**
- Cloud Security Audit : **Yes**
- e-Sign Compliance audit : **Yes**
- Backend Architecture Review : **Yes**
- Process and Policy Review : **Yes**
- IoT Security Assessment : **Yes**
- Red Team Assessment : **Yes**
- Incident Response : **Yes**
- Server & Database Configuration Review : **Yes**
- Thick Client Security Audit : **Yes**
- Data Localization Audit : **Yes**
- Networking Device Configuration Audit : **Yes**
- SCADA Security Audit : **Yes**

4. Information Security Audits carried out in last 12 Months:

Govt.	:	<u>760+</u>
PSU	:	<u>20+</u>
Private	:	<u>232+</u>
Total Nos. of Information Security Audits done	:	<u>1012+</u>

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**).

Network security audit	:	<u>35+</u>
Web-application security audit	:	<u>764+</u>
Wireless security audit	:	<u>10+</u>
Compliance audits (ISO 27001, PCI, etc.)	:	<u>4+</u>
Cyber Forensics investigations	:	<u>2+</u>
API Security Audit	:	<u>25+</u>
Mobile Application Security Audit (iOS, Android)	:	<u>28+</u>

Source Code Audit	:	<u>4+</u>
IS Audit	:	<u>20+</u>
ISNP Audit	:	<u>5</u>
AUA/KUA (Aadhaar Audit)	:	<u>10+</u>
AEPS & Aadhaar Pay Micro ATM Audit	:	<u>19+</u>
Compliance Audit (RBI, SEBI, NHB, Stock Exchanges)	:	<u>10+</u>
IT Infrastructure Audit	:	<u>15+</u>

6. Technical manpower deployed for information security audits :

CISSPs	:	1
BS7799 / ISO27001 Las	:	1
CISAs	:	1
DISAs / ISAs	:	0
Any other information security qualification	:	20
Total Nos. of Technical Personnel	:	25

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Name of Employee	Duration with Xiarch Solutions Pvt. Ltd.	Qualifications related to Information security	Experience in Information Security
1	Utsav Mittal	12 years	CISSP, CEH, MS Infosec Purdue Univ, USA	12+ Years
2	Sandeep Sikka	6.6 years	CISA, ISO 27001:2005: Lead Implementor	25+ years
3	Ashish Chandra	7 years	MCA, CEH, GNIIT	9 years
4	Kritika Mittal	8 years	B-tech (CSE) , M-tech (CSE with specialization in Information security)	8 Years
5	Kritika Mishra	4.1 years	B.Tech, CEH	4.1 years
6	Shubham Dabre	3.10 years	CEH	3.10 years
7	Abhishek Kataria	3.10 years	B.Tech(Mech), MBA, CEH	3.10 years
8	Md. Tanveer Alam	3.7 years	B.sc Diploma in Software Engineering (Java Specialization),Oracle Database 11g, CEH	3.7 years
9	Vivek Jain	3.6 years	M.Sc(CS&IS), CEH	3.6 years
10	Sanjay Kumar	3.3 years	BE (IT), CEH	5 Years
11	Ajay Kant	3 years	BCA, MCA(Pursuing),CEH	3 years
12	Kamalesh Maity	2.5 years	B-tech, CEH	5.6 Years
13	Sidhant Maithani	2.7 years	BCA, MCA, CEH	2.7 years
14	Shubham Patil	2.3 years	BE- IT, CEH	2.3 years
15	Naman Gupta	2.3 years	BCA(Pursuing), CEH	2.3 years
16	Sushil Kumar Jaiswal	1.8 years	MCA, CEH	3 Year
17	Vipul Chauhan	1.5 years	PGDIS, ACISE, LCSP	1.5 years
18	Sarthak Goyal	1.5 years	B.Tech (Cs), CEH V10, Diploma in Information Security	1.5 years
19	Ajaz Sayed	1.3 years	Diploma, BE(ETRX), CISC, CEHv10	1.3 years
20	Jitender Kumar	1.4 years	Master of Science in Information Technology (Pursuing)	1.4 years
21	Aakash Mishra	2 years	MCA	2 years
22	Nitin Gupta	1 year	B-tech (ECE)	1 year
23	Garima Kalra	8 Months	MCA	8 Months
24	Srikar Sama	3 Months	B-tech (ECE)	3 Months
25	Pratik Shah	2 Months	MCA, CEH, CNSS, NSE 1 and 2	2 Months

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

S. No	Project	Scope of work	Complexity	Location
1	Petroleum Industry	150 Web Applications, 200 Servers audit, Email Spear Phishing Drill (Internal Employees), Network device Configuration Review, Onsite Training at different locations and Forensics Investigation Activities.	-Web Applications for Black box Testing, -Web Applications for Grey box Testing, -Email Spear Phishing Drill, -Vulnerability Assessment & Penetration Testing of Critical IT Systems including Servers, Databases, Network devices, Security devices etc, -Configuration Review of Network & Security solutions, -Cyber Security Awareness Workshop for End-users, -Forensics / Incident Investigation	Mumbai
2	Project for Government of Gujarat	Approx 660 Websites and web Applications Security Audit	Audit of all websites and web applications (hosted in GSDC and NIC Data Centre).	Gujarat
3	One of the Largest NBFC in India	Managing complete IS and Compliance Services.	Work included Compliance, Vulnerability Assessment Penetration Testing, Web Application Security, Infra Audit, Aadhaar Audit etc	Delhi/NC R
4	SaaS Company	Information Security, Cyber Security Services and Compliance Services	- Application Security Assessment - VAPT - API Security Assessment -Devices Configuration Review/ Audit - Compliance Service -IT Security Roadmap Development and consulting	Delhi/NC R
5	Maharatna Company	SCADA/Industrial Control Systems/ Distributed Control Systems Security Vulnerability Assessment and Penetration Testing.	-SCADA/Industrial Control Systems/Distributed Control Systems Security Vulnerability Assessment and Penetration Testing. -Servers/WorkStation Vulnerability Assessment and Penetration Testing -Firewall and Switches Configuration Review. -Policies and Procedure Review	PAN India
6	India's largest public sector trading body.	Comprehensive IT Security Audit of IT Infrastructure & Systems.	- Different Locations IT Infra VAPT - IS Policy Review	PAN India
7	Industry - Power Market Regulation (Govt. Sector)	Cyber Security Audit of Information Technology System	-Network Architecture Review, -VA & PT (Internal) of Servers, Desktops, -Network & Security Devices and Applications, -Configuration Audit of Servers, -Network Devices & Security Devices, -External Penetration Testing for Public IPs, -Source Code Review	Delhi/NC R

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):
- Burp Suite
 - Puma Scan
 - SQL Map
 - Nmap
 - Superscan
 - Kali Linux
 - Metasploit Framework, Netcat , BeEf
 - Wireshark – Packet Analyser
 - Cisco Netwitness
 - Tenable Nessus
 - Rapid7 Nexpose community edition
 - Tamper Data
 - Directory Buster
 - Nikto
 - Ettercap
 - Paros Proxy
 - Webscarab
 - Brutus
 - Encase, FTK, Pro discover etc
 - Custom Scripts and tools
 - OWASP Xenotix
 - Browser Addons
 - Echo Mirage
 - Paros Proxy
 - Fiddler Proxy
 - Angry IP Scanner
 - Nmap
 - Aircrack
 - Kismet
 - WinHex
 - Proccess Monitor
 - WP-Scanner
 - Accunetix Vulnerability Scanner

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**
 (If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **No**
 If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : **No**

*Information as provided by Xiarch Solutions Private Limited on 26/10/2020

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Yoganandh & Ram LLP

1. Name & location of the empanelled Information Security Auditing Organization :

Yoganandh & Ram LLP
G-1, SHREE VISHNU APARTMENTS,
#12, 12TH CROSS STREET, DHANDEESWARAM NAGAR,
VELACHERY, CHENNAI – 600 042

2. Carrying out Information Security Audits since : **September-2009**
(11 Years – 1 Month)

3. Capability to audit, category wise (add more if required)

• Network security audit	:	YES
• Web-application security audit	:	YES
• Wireless security audit	:	YES
• IT Security Audit	:	YES
• Data Centre Physical and Environment Security Audit	:	YES
• Internet & Mobile Security Audit	:	YES
• CBS/ERP Application Security Assessment	:	YES
• Information Security Policy Formulation & Assessment	:	YES
• Data Migration Audit	:	YES
• Cyber Forensics & Mail Forensics Analysis	:	YES
• Compliance audits (ISO 27001, PCI, CCA, IRDA, CRA, etc.)	:	YES
• NPA Configuration Review	:	YES
• Swift Infrastructure Audit	:	YES
• AUA/KUA Audit	:	YES
• BCP Policy Formation & Assessment	:	YES
• BCP DR Testing & Implementation	:	YES

4. Information Security Audits carried out in last 12 Months:

Govt.	:	18
PSU	:	<u>06</u>
Private	:	49
Total Nos. of Information Security Audits done	:	73

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them).**

Network security audit	:	10
Web-application security audit	:	<u>42</u>
Wireless security audit	:	1
Compliance audits (ISO 27001, PCI, etc.)	:	<u>29</u>
Data Migration Audit	:	1
CBS/ERP Application Security Assessments	:	1
Internet Banking & Mobile Security Audit	:	10
Information Security Policy Formulation & assessment	:	3
AUA/KUA Audit	:	4

6. Technical manpower deployed for information security audits :

CISSPs	:	1
CISAs	:	11
ISO27001 LAs	:	7
BS 10012	:	9
BS25999	:	1
DISAs / ISAs	:	2

Any other information security qualification:

1. Certified Ethical Hacker	:	3
2. M.Sc/M.Tech- Cyber Forensics and Information Security:		3
3. PG Diploma in Cyber Law	:	1
4. System Security Certified Practitioner	:	1
5. CloudU	:	1
6. CRisc	:	1
7. CDCP	:	1
8. ECSA	:	1
Total Nos. of Technical Personnel	:	16

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required) : **As per Annexure-1**

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

IT Security Audit for one of the leading Bank in India

1. Scope inclusive of

- a. Vulnerability Assessment for over 200 Servers,
- b. Web Application Penetration Testing of Internet & Mobile Banking Applications,
- c. CBS Application Review,
- d. Policy Assessment,
- e. Application security Assessments,
- f. ATM Switch Review,
- g. Physical and Environmental Audit.

2. Value: Over 12 Lakhs

3. No. of Applications: 20+

4. No. of Server: 200+

5. Locations: Chennai, Bangalore

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

- 1. Nessus(Commercial)
- 2. Burpsuite(Commercial)
- 3. Nmap
- 4. Nikto
- 5. Sqlmap
- 6. John the Ripper
- 7. Wireshark
- 8. Hping3
- 9. SNMP Walk
- 10. Metasploit
- 11. W3af
- 12. Netcat
- 13. Pdmp
- 14. THC Hydra
- 15. Acunetix Free Web Application Scanner
- 16. Dirbuster
- 17. ZAP
- 18. PW Dump
- 19. OWASP Xenotix
- 20. SEToolkit
- 21. Aircrack-ng

10. Outsourcing of Project to External Information Security Auditors / Experts : **No**
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : **No**

12. Whether organization is a subsidiary of any foreign based organization? : **No**
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any

: **No**

*Information as provided by Yoganandh & Ram LLP

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Annexure-1

Sl.No	Name of Employee	Duration with organization	Experience in Information Security	Qualifications related to Information security
1.	T Manoj Kumar Jain	14 Years	10 Years	CISA, ISO 27001:2013 Lead Auditor
2.	R Chandrasekhar	10 Years 6 Months	17 Years	CISA, DISA, CISSP, ISO 27001:2013 Lead Auditor, ISO 25999, PG Diploma Cyber Law
3.	T Mariappan	11 Years 2 Months	10 Years	CISA, DISA
4.	Sangeetha N	4 Years 4 months	4 Years 4 Months	CISA, ISO 27001:2013 Lead Auditor
5.	T Chandra Prakash Jain	8 Years 7 Months	8 Years 7 Months	CISA
6.	Pavana Kumar LKG Mushti	6 Years 7 Months	6 Years 7 Months	CISA, ISO 27001:2013 Lead Auditor
7.	Sreevatchan S	4 Years 1 Month	4 Years 1 Month	Certified Ethical Hacker (C EH)
8.	Padmanaban K	3 Years 7 Months	21 Years	CISA, CISM
9.	Krishnan J	3 Years 4 Months	3 Years 4 Months	CISA, , ISO 27001:2013 Lead Auditor
10.	Madhan Prasad	3 Years 5 Months	3 Years 5 Months	M.Tech., M.Sc., Cyber Forensics & Information Security
11.	Prasanna P	8 Years	3 Years	ISO 27001:2013 Lead Auditor
12.	Vasanth K	3 Years 4 Months	3 Years 4 Months	CISA
13.	Selin Raj	2 Years 6 Months	2 Years 6 Months	B.Tech, CEH, M.Sc., Cyber Forensics & Information Security
14.	Srinivasan V V	2 Years 5 Months	2 Years 5 Months	CISA
15.	Sowmya Rajan	2 Years 2 Months	2 Year 2 Months	CISA, ISO 27001:2013 Lead Auditor
16.	Vignesh	1 Year 4 Months	1 Year 4 Months	M.Tech, Certified Ethical Hacker (C EH),

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

STQC Directorate, Ministry of Electronics and IT, Govt. of India

1. Name & location of the empanelled Information Security Auditing Organization :

**STQC-IT
STQC Directorate,
Electronics Niketan, 6 C G O Complex,
Lodhi Road, New Delhi-110003**

2. Carrying out Information Security Audits since : **2020**

3. Capability to audit , category wise (add more if required)

- Network security audit (Y/N) : **Y**
- Web-application security audit (Y/N) : **Y**
- Wireless security audit (Y/N) : **Y**
- Compliance audits (ISO 27001, PCI, etc.) (Y/N) : **Y**

4. Information Security Audits carried out in last 12 Months :

Govt. : **125**
PSU : **20**
Private : **40**
Total Nos. of Information Security Audits done : **185**

5. Number of audits in last 12 months , category-wise (**Organization can add categories based on project handled by them**)

Network security audit : **75**
Web-application security audit : **200**
Wireless security audit : **0**
Compliance audits (ISO 27001, PCI, etc.) : **25**

6. Technical manpower deployed for information security audits :

CISSPs : **0**
BS7799 / ISO27001 LAs : **14**
CISAs : **<number of>**
DISAs / ISAs : **<number of>**
Any other information security qualification : **<number of>**
Total Nos. of Technical Personnel : **43**

7. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

S. No.	Technical Personnel's Name	Place of Posting	Working with the organization since (month & year)	Total experience in information security related activities (years)	Information Security related qualifications (CISSP/ISMS LA / CISM/ CISA/ ISA etc., state as applicable)
1	Subhendu Das	STQC, Kolkata	30	19	ISMS LA, CEH, CC Validator
2.	Malabika Ghose	STQC, Kolkata	28	19	CEH, ISMS LA, CC Evaluator
3.	Manikanta Das	STQC, Kolkata	31	17	ISMS LA, CEH, CC Evaluator
4.	Arpita Datta	STQC, Kolkata	20	13	CEH, Master Trainer (ISEA Project)
5	Sanjay Kumar	STQC, Kolkata	20	13	CPSSE

	Prusty				(Certified Professional for Secure Software Engineering), Trained in IOT Security
6	Arup Datta	STQC, Kolkata	17	7	CNSM, Trained in IOT Security
7	Subrata Giri	STQC, Kolkata	14	7	CNSM
8	Ratna Bhattacharya	STQC, Kolkata	31	2	Trained in Source Code Review
9	Anurag	STQC, Kolkata	2	2	Trained in Cryptography, IOT security
10	Amrita Som	STQC, Kolkata	5	2	Trained in Reverse Engineering
11	Bony Thomas	ERTL(S),Thiruvananthapuram	February, 1997	4	ISMS LA
12	Praveen PS	ERTL(S),Thiruvananthapuram	March, 2014	5	ISMS LA
13	T.V. Subramanyam	STQC IT Services, Hyderabad	February, 1987	10 years	ISMS LA
14	Satish Kumar	STQC IT Services, Hyderabad	September, 2017	2 Years	
15	G Nagaraju	STQC IT Services, Hyderabad	February, 2018	1 Years	
16	Mohammad AkramSohail	STQC IT Services, Hyderabad	October, 2017	1 Year	
17	ChandraSekhar Yadav	STQC IT Services, Hyderabad	December, 2018	1 Year	
18	Dr. S Velmourougan	STQC, Chennai	1990	20 years	ISMS LA, STQC-CISP, CEH,CRP
19	M Vellaipandi	STQC, Chennai	13/05/1993	15 Years	ISMS LA
20	C Chollanathan	STQC, Chennai	27/07/1992	20 years	
21	V Jambulingam	STQC, Chennai	01/02/1991	20 years	ISMS LA, STQC-CISP,CEH. CRP
22	NandlalJadav	STQC, Chennai	09/2017	2 years	
23	Aditya Kumar Dewangan	STQC, Chennai	24/02/2014	6years	
24	Suresh Chandra	STQC, Delhi	04/04/1990	19 Years	ISMS LA, STQC-CISP,
25	A. K. Upadhyaya	STQC, Delhi	16/08/1991	19 Years	ISMS LA, STQC-CISP,
26	Sanjeev Kumar	STQC, Delhi	16/11/1993	19 Years	ISMS LA, STQC-CISP,
27	M. K. Saxena	STQC, Delhi	04/07/1985	19 Years	ISMS LA, STQC-CISP,
28	Sunil Kumar Yadav	STQC, Delhi	04/04/2014	5 years	
29	Anjali Jain	STQC, Delhi	21/09/2017	2 Years	
30	Swati Gupta	STQC, Delhi	21/09/2017	2 Years	
31	Pinky Bai	STQC, Delhi	18/09/2017	2 Years	
32	CharupriyaBisht	STQC, Delhi	21/09/2017	2 Years	
33	Manish Kumar Selal	STQC, Delhi	19/09/2017	2 Years	

34	Praveen Kumar	STQC, Delhi	12/12/2017	2 Years	
35	Mohammed Danish	STQC, Delhi	26/09/2017	2 Years	
36	Ritu Luthra	STQC, Delhi	21/04/2008	10 Years	
37	Makrand Deshpande	STQC, Mumbai	1986	7 Years	ISMS-LA, ITSM-LA, ISA
38	Sunil Kumar Singh	STQC, Mumbai	2017	2 Years	
39	Dineshh Saini	STQC, Mumbai	2017	2 Years	
40	N SamayaBalan (Deputed from MEITY)	STQC, Mumbai	2018	17 years	
41	S.P.Tharesh Kumar	STQC, Bengaluru	1999	11 years	ISMS-LA
42	Prashant Kumar Varma	STQC, Bengaluru	2017	2 years	
43	Ziaul Hasan	STQC, Bengaluru	2017	2 years	

8. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

- Conformity assessment of different eProcurement and auction systems for Coal Auction, OFB eProcurement, Director General of Hydro Carbon, Non-Coal Mining Lease have been completed in time bound manner. The systems are developed by M/S mjunction or M/S MSTC Kolkata or (n)codeGujratandare being successfully used.
- Security vulnerability assessment for the websites of Govt. of West Bengal, various PSUs, Indian Embassies / High Commissions at different countries like Germany, Romania, Sri Lanka, Tajikistan, Vietnam, United Kingdom and Russia Conducted and certificate issued for 'safe to host'.
- Security evaluation of IT Security Products like Core Routers, Networks POTP/PTN Access Systems, SDH/SONET based Optical Networking Equipment, Telecom Element management , Dos Mitigation Platform etc. based on Common Criteria standards (<https://www.commoncriteria-india.gov.in/product-certified>)
- Security vulnerability assessment of servers and network devices for organization like IRCTC, CRIS, MSRTC, Power Grid Corporation etc. has been completed.
- Security Assessment of different Mobile Apps both on Android and iOS platforms based on OWASP MASVS 1.2

9. List of Information Security Audit Tools used (commercial/ freeware/proprietary):

Commercial: Appscan, Acunetix, N-Stalker, Nessus (Professional Feed), Burp Suite, Webspect

Freeware: nmap, dirbuster, Paros, SSL Digger, HPing3, WebScarab, SqlMap, BackTrack Suite, Nipper, OpenVAS

10. Outsourcing of Project to External Information Security Auditors / Experts : Yes/No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

11. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes/No

12. Whether organization is a subsidiary of any foreign based organization? : Yes/ No
If yes, give details

13. Locations of Overseas Headquarters/Offices, if any : Yes/No

*** Information as provided by STQC IT, Kolkata on 26th October 2020 based on data of last 12 months i.e. from Oct-2019 to Sept-2020**

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**Snapshot of skills and competence of CERT-In empanelled
Information Security Auditing Organisation**

M/s Protiviti India Member Private Limited

1. Name & location of the empanelled Information Security Auditing Organization :

Protiviti India Member Private Limited

2. Carrying out Information Security Audits since : **2006**

3. Capability to audit , category wise (add more if required)

- Network security audit
- Web-application security audit
- Wireless security audit
- Compliance audits (ISO 27001, PCI, etc.)
- Configuration Review audits
- Domain & Email exchange audit
- Cloud security audits
- Mobile device management solution review
- Source code review audits
- Mobile application security audit
- Network and Web application architecture review audit
- Endpoint security Audits
- Cyber Forensics
- IOT/DCS devices security audit

4. Information Security Audits carried out in last 12 Months :

Govt.	:	~0
PSU	:	~3
Private	:	~146
Total Nos. of Information Security Audits done	:	~149

5. Number of audits in last 12 months , category-wise **(Organization can add categories based on project handled by them)**

Security Assessments (Web-application, VAPT, Network security, security audit	:	~20+
Compliance audits (ISO 27001, IT Audit, etc.)	:	~85
Configuration Review audits	:	~20+
Source code review audits	:	~4+
Mobile application security audit	:	~16
Network and Web architecture review	:	~7
IOT/DCS/SCADA	:	~1+

6. Technical manpower deployed for informationsecurity audits :

#	Certification name	Count
1	OSCP	2
2	JD Edwards	1
3	ISO27001 LA/LI	23
4	CEH	8
5	OPSE	2
6	ISO9001	1
7	Six Sigma Green belt / White belt	2

8	ITIL/ISO20000	7
9	SANS GCFA	1
10	ENCE	1
11	ISO 22301	3
12	CCNA/CCNP/CCSA	6
13	CHFI	1
14	EC Certified Incident Handler	1
15	Carbon Black Defence Associate Analyst	2
16	ECSA	2
17	Splunk Enterprise Certified Architect /Admin/Power user	3
18	Qualys Vulnerability Management / Rapid 7	2
19	CISA/CISM	10
20	BS7799	1
21	COBIT Implementer	1
22	CRISIC	1
23	CPSI	1
24	CISSP	1
25	CDPSE	2
26	CIPP	2
27	AWS / Azure certifications	7
28	Ontrust related certifications	13
29	Cyber Arc Related certifications	2
30	SAP FI Certified	1

7. Total Nos. of Technical Personnel : 125+

8. Details of technical manpower deployed for information security audits in Government and Critical sector organizations (attach Annexure if required)

The indicative list is as under:

S. No.	Name of Employee	Duration with Protiviti India	Experience in Information Security	Qualifications related to Information security
1	Vijay Devre	5.9	11.9	JD Edwards technical certification - One Technical Foundation-Oracle Implementation Certification
2	Vivek Jadhav	0.8	8.08	CEHv8, OSCP, ISO 27001-2013 LA
3	Shraddha Korgaonkar	1.08	14.48	Onetrust Privacy Management Professional ISO/IEC 27001: 2013 LI Vendor Risk Management - Onetrust
4	Pranav Kathale	0.74	6.14	OSSTMM Professional Security Expert (OPSE)
5	Nikita Noronha	5.72	6.88	-
6	Vishal Koik	1.16	5.76	SANS GCFA, EnCE
7	Kamlesh Gusian	0.89	7.4	ISO 27001, ISO 22301, ITIL
8	Kishan Kumar	0.89	7.19	ISO 27001 LA, CEH, CHFI, CCNA, Onetrust Vendor Risk Management Expert

S. No.	Name of Employee	Duration with Protiviti India	Experience in Information Security	Qualifications related to Information security
9	Rahul Bhalekar	0.76	6.56	ISO 27001 LI
10	Balaji Chandrasekaran	0.74	8.44	ISO 27001 LA
11	Priyal Dhole	0.66	7.06	ITIL, EC-Council Certified Incident Handler, CB Defense Associate Analyst Exam
12	Neelesh Kanojiya	0.66	5.56	CEH, ECSA , One Trust Vendor Risk Management
13	Pooja Soni	1.84	2.94	
14	Sanjeev Jha	1.61	4.61	CEH CCNA R&S
15	Swapnil Kadam	1.52	4.62	CIPP
16	Subir Kochar	0.85	4.35	ISO 27001 LA, ISO 22301 LI, ITIL, One Trust Vendor Risk Management Expert
17	Parth Srivastava	0.85	4.25	OSCP, CCNA, Python, InsightVM(Rapid7)
18	Tushavara Oakesh	0.78	3.58	Splunk Enterprise Certified Architect v7.Splunk Architecture Certified. Splunk Admin Certified. Splunk Power User Certified, Palo alto ACE networks OS V8, Red Hat Automation with Ansible I. Qualys Vulnerability Management. CarbonBlack Defense Associate Analyst.
19	Muktanand Kale	0.78	3.78	CEH , Rapid7
20	Dhruv Raina	0.74	4.14	CEH V10 (Certified Ethical Hacker), Carbon Black CB-Defense Associate Analyst
21	Abhishek Gautam	0.6 0.72	5.32	
22	Suraj Nair	0.6		CEH,ECSA
23	Chintamani Gupta	0.6	6	OneTrust Vendor Management
24	Prachi Hajare	0.6		
25	Prathamesh Baviskar	1.18	4.58	
26	Sagar Padaya	1.13	2.64	ISO27001 LA
27	Tasneem Patanwala	0.72	2.52	Six Sigma - White Belt Certification
28	Dipankar Dey	2.03	1.43	
29	Rahul Rohit	1.94	1.34	ISO 27001 (Lead Auditor)
30	Ranvijay Singh	2.35	2.75	
31	Amish Kaul	1.36	0.76	LA-ISO 27001
32	Rohit Pattiwar	1.36	0.76	PG Diploma in Big Data Analytics CDAC
33	Kajal Jadav	0.6		CIPP
34	Sagar Saxena	1.36	0.76	
35	Sukhmeen Kaur	1.63	1.73	One Trust Data mapping expert One Trust Vendor Risk management expert
36	Tushar Shukla	1.57	5.27	AWS Cloud Audit Academy AWS Security Fundamentals AWS Authentication, Authorization and IAM

S. No.	Name of Employee	Duration with Protiviti India	Experience in Information Security	Qualifications related to Information security
				Certified Network Security Specialist - ICSI GDPR DPO skills Certification One trust Vendor Risk Management Expert API Security Architect
37	Gautam Mishra	1.18	1.88	ISO 27001:2013 LI Certified Network Security Specialist - ICSI GDPR DPO skills Certification AWS Cloud Audit Academy AWS Security Fundamentals AWS Authentication, Authorization and IAM OneTrust GRC Expert Solution One Trust Data Privacy Certification OneTrust target Data Discovery Certification CyberArk Trustee Certification API Security Architect
38	Apurva Purohit	1.67	1.07	
39	Manish Chadha	1.49	10.89	CISA, ITIL, ISO27001
40	Manish Jain	0.89	13.29	CISA, ISO27001 Lead Auditor, Prince2 Practitioner
41	Shobhit Singhal	1.63	10.03	ITIL, CCNA, Blockchain Essetials and Blockchain Developer
42	Kavita Chellani	0.87	7	Strategic Management (IIM Rohtak)
43	Kunal Dilawri	0.87	5.27	ITGC, ITAC, IT SOX
44	Ankit Panwar	1.27		ISO27001 Lead Auditor
45	Snigdha Mayank	0.68	3.28	-
46	Avishrey Chauhan	0.65	2.25	-
47	Ayush Beri	0.85	3.55	ISO270001LA
48	Pooja HB	1.88	4	PCI DSS
49	Aditya Tiwari	1.74	5.14	ISO 27K :2013 Lead Implementer
50	Saptak Dutta	1.81	2.51	-
51	Paras Makhija	1.36	0.76	-
52	Pooja Tanwar	1.36	1.96	-
53	Vijai Kanagaraj	9.42	15.82	CISM,EH, CISA, CCNP, BS 7799, ITIL V3
54	Mohammad Sikkandar	6.32	12.8	
55	Sivasankaran Selvendran	5.44	7.5	
56	Rakesh Ramesh	5.39	4.79	
57	Akhib Nayaz Mohammed Anvarudin	5.17	6.37	ITIL, OPSEC, ISO 27001 LA
58	Giridhar Ramesh	3.87	3.27	-
59	Nupur Mathur	3.36	2.76	
60	Rajesh Benakannavar	3.35	4.75	-
61	Chintamani Shankarlal Gupta	2.92	5.92	OneTrust Vendor Management

S. No.	Name of Employee	Duration with Protiviti India	Experience in Information Security	Qualifications related to Information security
62	Sandeep Gupta	2.56	24.96	-
63	Naveena M	2.56	3.46	
64	Ruchika Sanjay Markad	2.21	1.61	
65	Suraj Gokulan Nair	2.18	4.48	
66	Vaibhav Koul	2.14	13.54	CISA, CDPSE, CCSA
67	Pal Pandian N	2.08	5.48	-
68	Neelakantan Sethuraman	2	5.4	CISA
69	Harsha Nerimetla	1.8	5.8	-
70	Bharat Somani	1.75	21	
71	Mayank Sidana	1.75	8.15	ISO 9000 LA, ISO 20000 Practitioner, ISO 20000 LA, ISO 27001 LA, COBIT 5 Implementer
72	Tanmoy Bhadra	1.72	4.62	
73	Rishabh Jaiswal	1.69	2.69	ISO 27001 LA, DCPD
74	Harshaditya Rachapudi	1.67	6.97	-
75	Shashank Tyagi	1.65	5.65	
76	Gautam Jha	1.6	14.4	
77	Prachi Dubey	1.59	3.89	
78	Shweta Yadav	1.52	1.92	-
79	Prashant Bhat	1.41	21.81	CISA, SAP FI certified, CIA
80	Divakar Nath	1.4	8.8	
81	Greshma K P	1.39	0.79	
82	Kajal Jadhav	1.36	0.76	
83	Saurabh Inani	1.35	4	
84	Vishal Rai	1.35	6.65	
85	Shrey Bansal	1.26	9.56	
86	Kabilleshkumar K	1.24	0.64	
87	Revathi Shukla	1.24	0.64	-
88	S Sankaran	1.22	0.62	-
89	Ekansh Choudhary	1.22	0.62	-
90	Parichay Potheppalli	1.22	0.62	-
91	Balakumar A	1.13	10.13	
92	Tarush Goradia	1.11	5.11	
93	Ashwini Shrikrishna Ital	1.07	3.07	
94	Manigandan M	1.07	4.47	
95	Mahendra Balasaria	1.05	18	
96	Vikrant Sharma	1.03	6.93	
97	K Subramanian	0.95	12.65	

S. No.	Name of Employee	Duration with Protiviti India	Experience in Information Security	Qualifications related to Information security
98	Jaydeep Apte	0.95	0.35	
99	Kalyanaraman K	0.93	22	
100	Yadhumitha Murali	0.93	2.33	CISA
101	Abhinav Kumar	0.93	1.43	ISO 27001 LI
102	Utkarsh Verma	0.89	6.39	
103	Konapala Balaji	0.89	2.79	
104	Satish Kumar	0.87	14.27	
105	Anupam Kumar Madhauria	0.87	6.28	
106	Vivek Kathayat	0.85	0.25	
107	Anish Kumar Pandey	0.85	9.25	CISA, CRISC, CPISI, CVA, CDPSE
108	Abhinav Lakshmikanthan	0.79	2.99	
109	Viral H Shah	0.79	5.99	
110	Akshay Mahendra Upadhye	0.76	5.16	
111	Roshni Pranna Kumar	0.76	3.06	
112	Doshi Sahil Bharat	0.75	5.25	
113	Rajani Sanjay Sagale	0.6	1.84	
114	Santosh Saraswathibatla	0.68	16.08	
115	Yuvaraj Yalamarathi	0.66	8.06	
116	Purna Pragna C R	0.66	11.06	CISM, ISO 27001 LA
117	AAYUSH MITTAL	0.7	2.6	-
118	ABDUL KHADER	0.8	6.8	-
119	HARIN KUMAR	1.3	2.4	
120	MALA CHENNAIAH	0.8	5.4	-
121	RAVURI VENU	0.9	8	-
122	AHAMED SEYED	0.8	6	CISSP
123	SUSOVAN PAUL	0.7	8.5	CEH
124	VIJAYA ANNANGI	0.9	3.9	
125	Alan Janson	1.6	6	Automation Anywhere Certified Advanced RPA Professional ISO 22301: 2012 LA ISO/IEC 27001: 2013 LI ISO/IEC 27001: 2013 LA ISO/IEC 20000-1:2011 LA CEH,JNCIA-Cloud,ITIL Onetrust Privacy Management Professional, Onetrust Vendor Risk Management Expert, Big Data Foundation,CB Protection Administrator, CyberArk Certified Trustee, ACE - PAN-OS 7.0 SAP01,FSE,SCP,CCSA,CCNA

9. Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

Specify Largest Project handled in terms of scope (in terms of volume, complexity, locations etc.) along with project value.

One of the large banks in India -IT Audits including security assessments –Quarterly assessment of Internal & External VAPT, configuration review of servers network devices and web application security assessment as well as IT audit (Project duration : 3 years)

One of the largest Pharma companies - Third Party Assessments - Performing IT/IS reviews of third parties, planned to conduct approximately 2000 assessments a year (Project duration: 2 years)

One of the leading banks in India – IT Audits: Performingthemed audits across various areas of information security such as review of critical application review, IT DR assessment, Robotic Process automation, IT Domain and Email Infrastructure review, IT Network Management and IT Governance and Information Security.

One of the leading hospitalitycompanies – IT/IS assessments : Performed themed audits for the corporate entity as well as hotel properties. The coverage included data privacy, information security as well as technical assessments related to VAPT and configuration review.

One of the largest multinational conglomerate corporation headquartered in Tokyo. Have been assisting the client in performing IT audits covering various domains over the last 5 years. The work has been performed in India, US and multiple other countries/cities. Detailed IT control testing covering test of design and effectiveness have been performed for client's various functions.

10. List of Information Security Audit Tools used(commercial/ freeware/proprietary):

Illustrative list of tools is as under :

- Acunetix
- Nessus
- Nmap
- Wireshark
- OpenVAS
- Nikto
- Metasploit
- Burpsuite
- Beef
- W3AF
- SQLMap
- Kali Linux
- Dradis framework
- MobSF
- Fiddler
- Custom Scripts
- Genny Motion
- Echo Mirage
- VoundIntella Pro
- X-ways forensics
- Magnet Axiom
- EnCase
- FTK
- Syhunt
- Checkmarx
- OWASP ZAP
- Paros
- Web Scarab
- Aircrack suite
- MBSA
- FOCA
- Inhouse custom scripts / Tools

11. Outsourcing of Project to External Information Security Auditors / Experts : No
(If yes, kindly provide oversight arrangement (MoU, contract etc.))

12. Whether organization has any Foreign Tie-Ups? If yes, give details : Yes

We have alliance partners for tools and technologies that help us deliver the information / cyber security audits and projects. Some of our alliance partners are: Flexera, Kaspersky etc. Further, we have a network where in our global offices assist in providing support from a global technology alliance perspective

13. Whether organization is a subsidiary of any foreign based organization? : Yes
if yes, give details

The parent company of Protiviti India Member Pvt. Ltd (headquartered in Gurugram) is Independent Consultants FZE (Sharjah). Protiviti India Member Pvt. Ltd. is member firm of the Protiviti Inc. Protiviti Inc. is a wholly owned subsidiary of Robert Half (NYSE: RHI). Founded in 1948, Robert Half is a member of the S&P 500 index.

14. Locations of Overseas Headquarters/Offices, if any : Yes

The parent company of Protiviti India Member Pvt. Ltd (headquartered in Gurugram) is Independent Consultants FZE (Sharjah). Protiviti India Member Pvt. Ltd. is member firm of the Protiviti Inc. Protiviti Inc. is a wholly owned subsidiary of Robert Half (NYSE: RHI). Founded in 1948, Robert Half is a member of the S&P 500 index. Offices of Protiviti Inc. and the member firms are spread across 75+ offices across 27 countries.

Australia: -

1. Level 32, 10 Eagle Street, Brisbane, QLD, 4000, Australia
2. Level 12, 14 Moore Street, Canberra, ACT, 2601, Australia
3. Level 39, 140 William Street, Melbourne, VIC, 3000, Australia
4. Level 19, St. Martin's Tower, 44 St. Georges Terrace, Perth, WA, 6000, Australia
5. Level 24, No 1 Martin Place, Sydney, NSW, 2000, Australia

China: -

6. Unit 718, China World Office 1, No. 1 Jianguomenwai Street, Chaoyang District, Beijing, China
7. 9th Floor, Nexxus Building, 41 Connaught Road, Central, Hong Kong S.A.R., China.
8. Rm. 1915-16, Bldg. 2, International Commerce Centre, No. 288 South Shaanxi Road, Shanghai, 200030, China.
9. Unit 1404, Tower One, Kerry Plaza, No. 1 Zhong Xin Si Road, Futian District, Shenzhen, 518048, China.

Japan: -

10. Osaka Center Building 13F, 4-1-3 Kyutaro-machi, Osaka, 27, 541-0056, Japan.
11. Ote Center Building, 1-1-3 Ote-machi, Tokyo, 13, 100-0004, Japan.

Singapore: -

12. 9 Raffles Place, #40-02 Republic Plaza I, 048619, Singapore.

Bahrain: -

13. Platinum Tower, 17th Floor Bldg 190, Road 2803, Block 428, Seef, P.O. Box 10231, Manama, Bahrain.

France: -

14. 15-19 rue des Mathurins, Paris, 75009, France.

Germany: -

15. Protiviti GmbH, Upper West (27th Floor) Kantstr. 164, 10623, Berlin, Germany.
16. Protiviti GmbH, Kennedydamm 24, 40476, Düsseldorf, Germany.
17. Mainzer Landstraße 50, 60325, Frankfurt, Germany.
18. Sendlinger Straße 12, 80331 München, Germany.

Italy: -

19. Via Tiziano, 32, Milan, MI, 20145, Italy.
20. Via Bissolati 76, Rome, RM, 00187, Italy.
21. Via Viotti, 1, Turin, TO, 10121, Italy

Kuwait: -

22. Al Shaheed Tower, 4th Floor, Khaled Ben Al Waleed Street, Sharq, P.O. Box 1773, Safat, 13018, Kuwait.

Netherlands: -

23. SOM 1 building (Floor M); Gustav Mahlerlaan 32; 1082 MC Amsterdam, Netherlands.

Oman: -

24. Al Ufuq Building, Shatti Al Qurum, P.O. Box 1130, Ruwi, PC 112, Oman.

Qatar: -

25. Palm Tower B, 19th Floor, P.O. Box 13374, West Bay Doha, Qatar.

Saudi Arabia: -

26. Al-Ibdaa Tower, 18th Floor, King Fahad Branch Road, Al-Olaya, Building No. 7906, P.O. Box 3825, Riyadh, 12313, Saudi Arabia.

South Africa: -

27. Suite 1A, 100 On Armstrong, La Lucia, Durban, 4051, South Africa.

28. 15 Forest Rd, Building 1 Waverley Office Park, Johannesburg, 2090, South Africa.

United Arab Emirates: -

29. 9th Floor, Al Ghaith Holding Tower, Airport Road, P.O. Box 32468, AZ, United Arab Emirates.

30. U-Bora Tower 2, 21st Floor, Office 2104, Business Bay, P.O. Box 78475, DU, United Arab Emirates.

United Kingdom:

31. Colmore Building, 20 Colmore Circus, Queensway, Birmingham, B4 6AT, United Kingdom.

32. Whitefriars, Lewins Mead, Bristol, BS1 2NT, United Kingdom.

33. The Bourse, Boar Lane, Leeds, LS1 5EQ, United Kingdom.

34. Protiviti Limited, The Shard, 32 London Bridge Street, London, SE1 9SG, United Kingdom.

35. 8th Floor, The Zenith Building, 26 Spring Gardens, Manchester, M2 1AB, United Kingdom.

36. Pinnacle Mews, 1 Grafton Mews, Milton Keynes, MK9 1FB, United Kingdom.

37. Suite B, Ground Floor, The Stella Building, Whitehall Way, Swindon, SN5 6NX, United Kingdom.

Bulgaria: -

38. 146, Vitosha blvd., entrance B, 3rd floor, office 32, Sofia 1000, Bulgaria.

Egypt: -

39. Cairo Complex, Ankara Street, Bureau 1, Second Floor Sheraton Area, Heliopolis, Cairo, Egypt.

Switzerland: -

40. Bahnhofpl. 9, 8001 Zürich, Switzerland.

Argentina: -

41. Alicia Moreau de Justo 1150, piso 3, oficina 306A, (CPAAX1107), Dock 8, Puerto Madero, Ciudad Autónoma de Buenos Aires, Argentina.

Brazil: -

42. Rua Antonio de Albuquerque, 330, 8º andar Savassi, Belo Horizonte, MG, Brazil

43. Av. Rio Branco, 109, Cj. 702, 7º andar, Rio de Janeiro, RJ, 20040-004, Brazil.

44. Rua James Joule 65-5º andar, Sao Paulo, SP, 04576-080, Brazil.

Chile: -

45. Alonso de Córdova 5320, Off 1905 Las Condes, Santiago, RM, Chile.

Mexico: -

46. Paseo de la Reforma 243 P18, Mexico, DIF, 06500, Mexico.

Peru: -

47. Amador Merino 307 Of. 501, 27, LIM, 15046, Peru.

Venezuela: -

48. Av. La Estancia, CCCT Pirámide Invertida, Piso 6, Oficina 612, Urb. Chuao, Municipio Chacao Codigo Postal 1064 Estado Miranda Caracas, Venezuela.

Colombia: -

49. Calle 95 con Carrera 15, Edificio 14-48, Oficina 305, Bogota, 110221, Colombia.

Canada: -

50. 487 Riverbend Dr, 3rd Floor, Kitchener, ON, N2K 3S3, Canada.
51. 1, Place Ville Marie, Suite 2330, Montréal, QC, H3B 3M5, Canada.
52. Brookfield Place, 181 Bay Street, Suite 820, Toronto, ON, M5J 2T3, Canada.

United States: -

53. 1640 King Street Suite 400, Alexandria, VA, 22314.
54. Regions Plaza, 1180 West Peachtree St., NE Suite 400, Atlanta, GA, 30309.
55. 1 East Pratt Street, Suite 900, Baltimore, MD, 21202.
56. Oliver Street Tower, 125 High Street, 17th Floor, Boston, MA, 02110.
57. 201 South College Street, 15th Floor, Suite 1500, Charlotte, NC, 28244.
58. 101 North Wacker Drive, Suite 1400, Chicago, IL, 60606.
59. PNC Center, 201 E. Fifth Street Suite 700, Cincinnati, OH, 45202.
60. 1001 Lakeside Avenue, Suite 1320, Cleveland, OH, 44114.
61. 13727 Noel Road, Suite 800, Dallas, TX, 75240.
62. 1125 Seventeenth Street, Suite 825, Denver, CO, 80202.
63. 200 E. Broward Blvd, Suite 1600, Ft. Lauderdale, FL, 33301.
64. 600 Travis Street, 8th Floor, Houston, TX, 77002.
65. 135 N. Pennsylvania St, Suite 1700, Indianapolis, IN, 46204
66. 9401 Indian Creek Parkway, Suite 770, Overland Park, KS, 66210
67. 400 S. Hope Street, Suite 900, Los Angeles, CA, 90071.
68. 411 E. Wisconsin Avenue, Suite 2150, Milwaukee, WI, 53202-4413
69. 225 South Sixth Street, Suite 1730, Minneapolis, MN, 55402
70. 888 7th Ave 13th Floor, New York, NY, 10106
71. 301 E. Pine St, Suite 225, Orlando, FL, 32801
72. 1700 Market Street, Suite 2850, Philadelphia, PA, 19103
73. Airport Tech Center 4127 E. Van Buren Street, Suite 210, Phoenix, AZ, 85008
74. 1001 Liberty Ave, Suite 400, Pittsburgh, PA, 15222
75. 222 SW Columbia St, Suite 1100, Portland, OR, 97201
76. 1051 East Cary St., Suite 602, Richmond, VA, 23219
77. 2180 Harvard St., Suite 250, Sacramento, CA, 95815
78. 3451 N. Triumph Blvd., Suite 103, Lehi, UT, 84043
79. 555 Market Street, Suite 1800, San Francisco, CA, 94105
80. 10 Almaden Blvd., Suite 900, San Jose, CA, 95113.
81. 601 Union St., Suite 4300, Seattle, WA, 98101
82. 1401 S. Brentwood Blvd, Suite 715, St. Louis, MO, 63144
83. 263 Tresser Blvd., 12th Floor, Stamford, CT, 06901
84. Corporate Center III, 4221 Boy Scout Blvd., Suite 450, Tampa, FL, 33607
85. 1751 Pinnacle Dr., Suite 1600, Mclean, VA, 22102
86. 131 Frogale Ct., Winchester, VA, 22601
87. 10 Woodbridge Center Dr., Woodbridge, NJ, 07095

Switzerland: -

88. Bahnhofpl. 9, 8001 Zürich, Switzerland

India: -

89. 77° Town Centre, Ground Floor (East Wing), Building 3 Block B, Divyasree Technopolis Yemalur, Bengaluru, KA, 560037, India
90. 4th Floor, A Wing, Alexander Square, No 2, Sardar Patel Road, Little Mount, Guindy, Chennai, TN, 600032, India
91. Q City, 5th Floor, Block A, Survey No. 109, 110 & 111/2, Nanakramguda Village, Serilingampally Mandal, R.R. District, Hyderabad, TG, 500 032, India
92. PS Srijan Corporate Park, 1001B, 10th floor, Tower-2, Plot No. 2, Block EP & GP, Sector -V, Salt Lake City, Kolkata, WB, 700091, India
93. 1st Floor, Godrej Coliseum, Unit No 101, B Wing, Somaiya Hospital Road, Sion (East), Mumbai, MH, 400 022, India
94. 15th Floor, Tower A, DLF Building No. 5, DLF Phase III, DLF Cyber City, Gurgaon, HR, 122002, India

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