

Indian Financial Technology & Allied Services

Job Description

I		Role Summary	Remarks
(a) Title:		Sr. Network Engineer	L3
(b) Business/Function:		Network & Communications	
(c) Band / Designation:		Network Engineer	L3
(d) Location:		Mumbai	
(e) Reports to:		Manager	
(f) Team:		BSS SANCHAR	
(g) Summary:		1) Responsible for handling complex and escalated Wi-Fi network issues that L2 engineers cannot resolve. 2) Possess in-depth knowledge of Wi-Fi protocols, network architecture, and advanced troubleshooting techniques. 3) Conduct detailed analysis, perform packet captures, and utilize advanced diagnostic tools to identify and resolve complex problems.	
(h) Position Code:			
II		Additional Information	
(a) Responsibilities:		<ul style="list-style-type: none"> • Responsible for handling complex and escalated Wi-Fi network issues that L2 engineers cannot resolve. • Possess in-depth knowledge of Wi-Fi protocols, network architecture, and advanced troubleshooting techniques. • Conduct detailed analysis, perform packet captures, and utilize advanced diagnostic tools to identify and resolve complex problems. • Play a crucial role in designing and architecting the Wi-Fi network infrastructure. • Collaborate with network engineers and other stakeholders to plan and implement Wi-Fi network upgrades, expansions, and new deployments. • Analyzing requirements, selecting appropriate hardware and software components, and ensuring scalability, reliability, and security of the Wi-Fi infrastructure. • Responsible for optimizing the performance of Wi-Fi networks. • Analyze network performance metrics, conduct capacity planning, and recommend improvements to enhance network efficiency, coverage, and user experience. • Assess the impact of new applications, technologies, or network demands on the Wi-Fi infrastructure and propose strategies for network optimization. • Focus on maintaining the security and compliance of the Wi-Fi network infrastructure. • Implement and manage security measures such as authentication protocols, encryption standards, access controls, and intrusion detection systems. • Stay updated with the latest security threats, vulnerabilities, and best practices, and ensure that the Wi-Fi network adheres to industry standards and regulatory requirements. • Participate in incident management processes and act as escalation points for complex Wi-Fi network 	
III		Requirements	Classification
(a) Education:		B.E/ B.Tech, M.Tech/MCA (Computer/IT)/B.Sc (Computers)	Mandatory
(b) Experience:		1) B.E/B.Tech, M.Tech/MCA (Computer/IT) with 7 plus years or B.Sc (Computers) with 8 plus years of working experience on large complex enterprise networks. - Mandatory 2) Must have hands on experience in protocols/technologies like MPLS (traffic engineering, L2/L3 VPN), BGP-4/MP-BGP, ISIS, OSPF/OSPFv3, EIGRP, RSVP, LDP, VXLAN, Network Access Control, 802.1x, VPN. - Mandatory 3) Experience in Software Defined Network (SDN) & SD-WAN. - Mandatory 4) Extensive experience leading and managing complex internetworking solutions from design to implementation. - Mandatory 5) Experience of multi-vendor / multi-service IP networks, multi-vendor equipment and network protocols. - Mandatory 6) Experience in Solution Design and Architecture assessment of large networks - Mandatory 7) Experience on network management tools like Cisco ISE, DNAC. - Mandatory 8) Must have handled minimum 15 members of team size. - Mandatory 9) Experience in Security devices - Desirable 10) Experience in dealing with banks / financial institutions /NBFCs networks - Added advantage	Specified within
(c) Certifications:		1) CCNP - Mandatory 2) CCIE - Desirable 3) ITIL Foundation - Desirable	Specified within
(d) Knowledge:		1) Understanding of OSI model and TCP/IP protocol (IPv4 & IPv6) - Mandatory 2) Knowledge on network capture / analysis tools like Wireshark - Mandatory 3) Knowledge in Network Management and Monitoring tools such as Solarwinds. - Mandatory 4) Knowledge of Software Defined Network (SDN) & SD-WAN. - Mandatory 5) Knowledge on Network & Security devices like firewalls, WAFs, L3 & L2 switches, LBs - Mandatory 6) MS Office & MS Visio- Mandatory 7) Knowledge of Network Security devices - Added advantage 8) Knowledge on Telecom domain - Added advantage	Specified within
(e) Technical Skills:		1) Routing & Switching - Mandatory 2) Excellent skills on Software Defined Network (SDN) & SD-WAN - Mandatory 3) MPLS Technology - Mandatory 4) VPN technologies - Mandatory 5) Network monitoring and management tools - Mandatory 6) Excellent interpersonal, written and verbal communication skills along with quick learner. - Mandatory 7) Network Security - Firewalls, IDS/IPS, Proxy - Mandatory	Specified within

IV	Approvals						
	(a) Requested by:		(b) Requested Date:				
		Employee Code					
	(c) Approved / Rejected by:		(d) Date:				
		Employee Code					
	(e) Rejection Reason:						

X	Processing						
	(a) Processed by:		(b) Processed Date:				
		Employee Code					