

## LAN/WAN

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### **Experience: 9 Yrs**

Strong fundamental knowledge in TCP/IP, Switching & Routing technologies.

Hands-on experience with one or more of the LAN/WAN and network layer protocols.

Strong troubleshooting and debugging capability.

Hands-on familiarity with test instruments required. Ixia and/or Spirent experience

Experienced in one or more of Layer2 features, Layer3 routing protocols, Multicast, MPLS, Quality of Service.

In Depth Knowledge on Wide Area Networking Routing: BGP , OSPF , HSRP , VRF, IS-IS, PIM

Local Area Networking: ACL , STP , Trunk , Multilayer switching IPv4/v6, MPLS, MPLS based L3 VPN and QoS(TE) ATM, Frame Relay, HDLC, SONET, SDH, POS, IPoDWDM

L2 VPN: (AToM, VPLS, VPWS) Ethernet, 802.1q VLANs, 802.1ad (QinQ)

ACL, QoS, Multicast

Network Monitoring and Management

Network Capacity Planning

Network Performance Planning

Network Security (Firewall , IPS , IDS)

Wireless LAN: WEP, Controller

WAN Acceleration

VPN: Site to Site / Site to Client

Change , Configuration , Process Management

WLAN - Driver Development. 802.11 a/b/g/n

Embedded and wireless system software development and integration on telecommunications devices

Wireless LAN software development and Knowledge of 802.11 protocols and Development in Linux or RTOS environment

**Certification:** Cisco's CCNP, CCIE. CISSP, ITIL

### **Network Testing**

Ability to drive system level test architecture and plan.

Map customer scenarios to test strategy/plan.

Develop topology based on test requirements and setting up the test bed.

Hands-on experience in scripting and automation with TCL

Software development experience on developing Network Monitoring tools

Scripting: Perl, OO Perl, Shell scripting

Web Design: PHP, HTML, JavaScript