

Job Description for Solution Engineer – Network Architect (Ottawa)

Intercast's client is building Cisco Networking expertise to integrate the IP and fibre channel network (both local and wide area) for the data center. The Network Architect's role is to develop the high-level design plan for the overall logical and technical network architecture for the data center network convergence. This individual will provide technical leadership, product sales support and consulting in the Cisco Data Center networking technologies, from strategic decision making down to the project planning level.

The Network Architect will be required to work both as part of a project team and independently to support, implement and develop architecture for data center networking infrastructure that includes backbone and edge switch/router for multiple sites enterprise data centers. The Network Architect would preferable to have good experience with production environments running Microsoft Windows 2000/2003/2008 server, integration with Active Directory, Microsoft Exchange and SharePoint.

Roles & Responsibilities

- Provide pre-sales support and develop network architecture based on Cisco technologies
- Cisco networking products installation, configuration, evaluation, selection and demo
- Develop, implement and troubleshoot network infrastructure which includes firewall, routers, switches and ISP backbone
- Identify, research, evaluate, recommend and develop new technology. Evaluates emerging network technologies and make recommendations on their viability.
- Provide project management and develop project charters
- Provide network consulting services on assessment and implementation for enterprise customers based on requirements and technologies fit
- Oral and Written presentation
- Work with Sale director and account manager to develop business and technical analysis and provide product support.

Job Requirements

Mandatory:

- Minimum of 10 years experience architecting, deploying and supporting large enterprise networking infrastructures with multiple sites;
- Good understanding on product sales processes and experience in working with system integrator;
- Extensive working knowledge and understanding of TCP/IP, DNS, WINS and DHCP, particularly as it relates to Microsoft technologies;
- Expert in WAN, LAN, firewall, load balancing and other network technologies and concepts
- Extensive hands on experience administering Cisco IOS and CatOS on multiple platforms required.
- Minimum CCNA and/or CCPA certification, CCIE and CCDA much preferred
- Experience and understanding "beyond the network" in a service provider environment

- In-depth knowledge and understanding of the communication functions and constraints of applications which traverse a network such as server applications, database and storage
- Experience working with large, complex MPLS networks with LEC and IXC
Expert Level - IP routing (OSPF, BGP/MBGP, EBPG, IBGP), Ethernet, VLANs, VoIP, MPLS, LDP, ATM, Frame Relay, Cisco IOS, SIP, ISP multi-homing, peering and traffic engineering
- Strong understanding and experience on integrate security requirements into network architecture.
- Document, communicate and ensure compliance with network architecture and design.
- Strong and effective interpersonal skills with comfort in delivering presentations to groups
- Motivated self-starter with the ability to work autonomously and as part of a team
- Ability to meet deadlines and adjust to changing priorities to meet business goals
- Demonstrated strong customer service orientation.

Desirable:

- Experience in technical writing;
- Experience in SAN storage;
- Experience in Microsoft 2000/2003/2008 server, Exchange, Active Directory, SQL and VMware ESX environment;
- Preferable to have MCSE or MCP in Microsoft server 2000 or 2003;
- Experience with a variety of hardware platforms including HP, IBM, and Dell server technologies.