

Position and Team: Network & Systems Specialist, Global Technical Operations
Department: Operations
Location: Dublin, Ireland

About Asavie and Operations

Asavie is an Equal Opportunity Employer that offers a competitive salary, benefits & the professional advantages of an environment that supports your development & recognizes your achievements. Asavie offers an inclusive environment where employees have the opportunity to succeed and diversity is embraced as a competitive advantage in the marketplace.

The passion that our people bring to their work extends to their private worlds, and Asavie encourages a healthy balance between the two.

Asavie Operations Department values training and education and is dedicated to providing the tools and training in support of our employee's professional development.

Role Summary

Asavie requires an experienced Network Engineer to join our Operations team. The role will consist of design, test and build, with ongoing maintenance of networks deployed for our clients. The role will be divided between the scoping, design, integration and implementation of new business and ongoing maintenance and troubleshooting of a number of existing services. Regular product and vendor training will be provided to the successful candidate.

The role will include an element of being on call, approximately 1 week in 4, to cover support for our 24x7 customers worldwide.

The applicant must have good troubleshooting skills and an in-depth knowledge of networking protocols including BGP, OSPF, RIP and IP. A proven track record of design, documentation and network management is advantageous.

Network Systems Specialist I

Responsibilities / Essential Job Duties

- Data networking: design and engineering collaboration, Installation, configuration, maintenance, Change Management, troubleshooting to root cause, and tuning of enterprise data networking equipment
- Analyzing systems and suggesting work around and fixes for problems. Taking full responsibility for ensuring that the problem is addressed.
- Collecting and communicating information to Asavie Engineering and/or external 3rd party suppliers.

- Assisting the customer in on site acceptance testing.
- Providing technical assistance to other operations staff and Business Development.
- Ownership of new projects / products including scoping, integration, customer and project liaison.
- Provide input to professional services estimate, statement of work, project plan, design, and functional specification documents.
- Facilitate interaction between Asavie and client technical leads, playing support role at key client meetings where appropriate
- Drives creation of new technical solutions based on knowledge and insight regarding industry trends and associated implications for Asavie products and clients of a technical nature
- Enforce policy, strategic, and operational network security guidelines and procedures.
- Stay abreast of contemporary network & security technology and be familiar with various network tools and methodology with a basic amount of supervision.

Technical Requirements and Skills

- Minimum of 6 years of configuring and troubleshooting Cisco Routing and Switching environments. Data Centre and UCS knowledge a plus.
- Minimum of 6 years' experience in enterprise level networking with knowledge in TCP/IP, Routing Protocols (OSPF and BGPv4, etc.), and SNMP.
- Detailed knowledge of the OSI layers 1-4 and associated equipment.
- Security experience: firewall, VPN, design, deployment, and support.
- Experience with network performance analysis and troubleshooting and resolution of complex routing problems using common network tools, protocol analyzers, etc.
- Knowledge of Telco circuits management.
- Detailed knowledge of Internet protocols and operation.
- Very good Linux and basic scripting knowledge.

Others

- Experience with implementation specifications, including power, environmental, AC, and physical space.
- Experience with end to end monitoring and alarming systems to Enterprise level
- Provide Tier 3 & 4 support on all production and non-production networks driving problem resolution to Vendor development groups if necessary.
- Knowledge of virtualisation, (VMware ESXi experience preferred) or other a plus

Qualifications

- Cisco certifications including CCNA, CCNP
- M.S. or B.S. in Electrical Engineering, Computer Science, or Mathematics

Requirements and Skills

Network Systems Specialist II

- Minimum of 6 to 10 years current experience implementing and supporting local and wide area networks in mission-critical, Unix/Linux centered, production datacenter environments for more than one company.
- Experience with more than two versions of Cisco IOS operating system (for example, IOS 10, 11, and 12) or experience with two or more different network operating systems and equipment (for example, Cisco IOS and Nortel).
- Working knowledge of router and switch technology in a large production environment.
- Minimum of 6 years' experience in enterprise-level networking with knowledge in TCP/IP, Routing Protocols (OSPF and BGPv4, etc), and SNMP.
- Experience with firewall, VPN, and proxy technology, design, deployment, and support.
- Detailed knowledge of OSI layers 1-4 and associated equipment.
- Detailed knowledge of Internet protocols and operation.
- Telco circuits management such as pots, ISDN, T1, T3, Point to Point and Frame Relay, etc.
- Detailed knowledge of network management tools and software such as sniffers.
- Experience with network performance analysis and troubleshooting and resolution of complex routing problems using common network tools, protocol analyzers, etc.

Network Systems Specialist III

- Meet level 2 requirements.
- Ten-plus years' current experience designing, implementing and supporting networks in mission-critical, Unix/Linux centered, production datacentre environments globally.
- Experience with architecting, deploying, and supporting local and wide area networks in multiple locations globally.
- Minimum of 10 years of configuring and troubleshooting Cisco Router IOS and Cisco Switch OS.
- Minimum of 4 years with Layer 4-7 load balancers such as Cisco Local Director/CSS, F5 BigIP, or equivalent technology.
- Minimum of 10 years' experience in enterprise-level networking with knowledge in TCP/IP, Routing Protocols (OSPF and BGPv4, etc), and SNMP.
- Advanced experience with firewall, VPN, and proxy technology, design, deployment, and support.
- Experience in VoIP
- Expert knowledge of OSI layers 1-4 and associated equipment
- Expert knowledge of Internet protocols and operation
- Expert knowledge of Telco circuits management (pots, ISDN, T1, T3, Point to Point and Frame Relay, etc.)
- Expert knowledge of Network management tools and software (e.g., sniffers, etc.).
- Advanced experience with Network performance analysis troubleshooting & resolution of very complex routing problems using common network tools, protocol analyzers, etc.
- Experience in architecting, implementing and supporting new technologies and understanding the associated business implications.
- Provide Tier 3 & 4 support on all production and non-production networks driving problem resolution to Vendor development groups if necessary.

- Ability to plan, document, and manage multiple IT projects and deadlines effectively with a minimum of supervision.
- Willingness and desire to provide senior guidance and mentoring to other engineers
- Ability to provide specific examples of past experience as detailed above

Required Business Skills

- Ability to effectively execute multiple IT projects and deadlines with supervision.
- Ability to participate in a shared 24/7 on-call schedule.
- Excellent written and oral communication skills
- Ability to provide Tier 3 support on all production and non-production networks and develop a problem resolution with Vendor support, if necessary.
- Excellent analytical and organizational skills.
- Willingness and desire to provide guidance and mentoring to other engineers.
- Ability to provide specific examples of past experience as detailed above.

Desirable

- Experience with standards such as ISO27001 or other INFOSEC frameworks
- Experience with Java web applications running in Tomcat / Apache
- Experience with 99.9 to 99.999% availability systems
- Expert-level knowledge of internet, public & private cloud, and systems technologies

Qualifications

- M.S. or B.S. in Electrical Engineering, Computer Science, or Mathematics

How to Apply

If you think you have what it takes to really make a contribution in our company then email your CV and cover letter to careers@asavie.com. We offer higher than average compensation reflecting the calibre of person required.