

JOB DESCRIPTION – IP/MPLS Network Engineer

Background

Onwave are a fast-growing business working in the IT Networking and Telecoms sector and based in Kings Hill, Kent. Onwave specialise in providing services to large multinational customers within the Construction and Utilities sectors. We support these customers with solutions based around cellular, wireless and fixed line technology, we are an independent Internet Service Provider.

As well as providing connectivity services the business also works very closely with its customers to develop solutions which solve specific business challenges which means that we need great problem solvers and communicators.

Key Objective

We are currently seeking an IP/MPLS Network Engineer who will ensure that Onwave's core MPLS and service edge network infrastructure is designed, delivered and supported to ensure it is robust, reliable and fit for purpose.

We are also looking for a highly skilled individual that can also support the development of our existing in-house networking expertise so that this can be translated into services for end customers.

The individual will be working within the Network Engineering Department of Onwave, a small highly-skilled team taking ownership of the Onwave Service Provider network and coordinating with key providers and customers on technical aspects of the Onwave service offer.

This is an excellent opportunity to join a rapidly expanding technology company, to expand your skills and gain exposure to cutting edge technologies.

Responsibilities

- Day to day supervision of the core network to maximise availability (min 99.99% available).
- Supporting the Head of Technical in the delivery and onboarding of new customer networks.
- Technical guidance and support to Network Engineers and Apprentice Network Engineers within the Network Operations team.
- The resolution of service and support issues escalated from 2nd line in relation to core network services or complex edge sites.
- Promoting technical ideas and suggestions within the business that will improve network or service performance.
- Timely and regular reports to the Head of Technical and Senior Management Team when required.
- Contribute to the design and deployment of network enhancements and capacity upgrades.
- Availability monitoring and capacity management of the core network infrastructure.
- Responding and resolving network services issues that affect customer connectivity.

- Represent Onwave in an efficient and professional manner at all times.
- Consistently achieve targets.

Skills and Experience

Required:

- Planning, testing and deploying IP and Ethernet L3 and L2 network infrastructure.
- Broad experience with Cisco IOS or IOS-XE, with a focus on IP protocols.
- Expert level capability with OSPFv2 and BGP4.
- Experience with, or capability to rapidly learn, new Network Operating Systems (e.g. Junos, IOS-XR).
- All aspects of IP and Ethernet networking including: Routing, Bridging.
- Very good VPN technology fundamentals.
- Good knowledge of service-provider edge-facing and core-facing connectivity protocols including Ethernet, IP, dot1q, label switching (MPLS applications), IGP, MP-BGP.
- Good knowledge of Next Generation Firewalls/Flow Based Firewalls and firewall concepts with vendor experience of Palo Alto/Fortinet/Juniper preferable.

Desirable:

- RADIUS and AAA.
- Planning, testing and deploying security infrastructure
- IP Telephony / VoIP systems design and diagnostics.
- SNMP, SYSLOG, and NetFlow based NMS (PRTG, LibreNMS, NTOPng, Grafana & Elk stack).
- Service Provider or Telecoms IPv4 / IPv6 networking, and capacity management.
- 40/100 Gigabit ethernet.
- Familiarity with of xDSL eco-system.
- Previous work in an ITIL environment.
- Broad MPLS (LDP or RSVP based) L3VPN to L2VPN design and configuration.
- Deep and broad MPLS (LDP or RSVP based) theoretical understanding.
- Windows Server 2012 & 2016; AD and SQL.
- Azure or AWS networking, deployment, troubleshooting.
- LINUX (RH based, Debian based)
- VMWare (Esxi)

Requirements (Personal Attributes)

- Quick learner and adaptable
- Ability to communicate clearly and effectively with both technical and non-technical staff
- Motivated and self-directed individual that can operate within proper guidelines
- Technical and analytical
- Exceptional interpersonal, communication and presentation skills
- Excellent organisation skills and attention to detail
- Strong work ethic, professional and positive attitude

- Strong organisational and problem solving skills
- Ability to prioritise tasks based on severity/importance
- Hands on practical approach and a positive 'can do' attitude

Other

- Valid Full UK driver's license.