

Network Engineer



Job Description



About us

Onwave are a market leading managed connectivity services provider and Mobile Virtual Network Operator that offer leading-edge services and future-proof network technologies built around our own, fully durable, core network.

Working predominantly within the infrastructure, construction and engineering sectors both within the UK and overseas, where there is a requirement for access to high-speed networking. Onwave focus on delivering fast, reliable, resilient and secure solutions to blue chip customers using a wide array of backhaul technologies including Wireless, Fixed Line, Satellite and Mobile.

Onwave also deliver a range of in-house software and data solutions such as our OWL technology, this combination of solutions provides successful candidates with opportunities to gain knowledge and develop their skills within a business that encompasses both networking and technology.

About the role

The network engineer will be responsible for assisting in the design, implementation, and maintenance of our customers' networks. Ability to liaise at a technical level with customers and internal stakeholders to ensure delivery and customer excellence across all elements of the customer site implementations. Enhance the technical capabilities of a busy Network Team that look after design, installation, test and commission of IP networks including in life support.

This role requires a strong technical foundation in networking principles, hands-on experience with enterprise-grade hardware and software, and a proactive approach to troubleshooting and optimization. Also, the role will provide technical support and guidance to junior engineers and other departments.

Your main duties

- **Network Support:** Provide support in troubleshooting and resolving network issues, including connectivity, hardware, and software problems.
 - **Network Installation and Configuration:** Assist in the installation, configuration, and testing of network equipment, such as routers, switches, firewalls, and wireless access points.
 - **Network Monitoring:** Monitor network performance, identify areas for improvement, and propose necessary changes to optimise network efficiency.
 - **Network Security:** Assist in implementing and maintaining network security measures, including firewalls, VPNs, and intrusion detection systems.
 - **Network Maintenance:** Assist in performing regular maintenance tasks, such as firmware updates, patch management, and backups to ensure network availability and reliability.
 - **Documentation:** Maintain accurate and up-to-date documentation of network configurations, diagrams, and processes.
 - **Collaboration:** Collaborate with cross-functional teams to resolve network-related issues and participate in project planning and implementation discussions.
 - **Special projects:** Lead technical team on large project designs, implementation and delivery of large scale customer and internal networking solutions.
 - **Training:** Assist network management team with technical team member training and knowledge transfer.
-

About you

- **Education:** Bachelor's degree in Computer Science, Information Technology.
- **Experience:** Proven experience as a Network Engineer or similar role designing, delivering and maintaining complex network infrastructures. Minimum 5 years experience.
- **Networking Knowledge:** Strong understanding of networking concepts, such as TCP/IP, DNS, DHCP, routing, switching, VLANs, and subnetting. Hands-on experience with Cisco, Juniper or similar network vendor equipment.
- **Routing and Switching:** Strong knowledge with configuring and troubleshooting routing protocols (e.g., OSPF, BGP) and layer 2/3 switching.
- **SD-WAN Knowledge:** Strong experience and understanding of SD-WAN technologies.
- **Wireless Networking:** Proven experience in wireless network engineering. Strong knowledge of wireless standards and security. Hands-on experience with wireless platforms such as Cisco, Meraki etc.
- **Network Security:** Familiarity with network security tools, protocols, and best practices, including firewalls, VPNs and encryption. Hands-on experience with Palo Alto or similar security appliances.
- **Troubleshooting:** Ability to analyse and diagnose network issues using network monitoring tools and packet capture analysis. Excellent problem-solving skills and attention to detail. Familiarity with Network Monitoring Systems and diagnostic utilities.
- **Automation:** Understanding of and some experience with automation and scripting including Python, API, HTML etc.
- **Communication Skills:** Strong verbal and written communication skills to effectively interact with team members and end-users.
- **Team Player:** Ability to collaborate effectively within a team environment and contribute to the overall success of projects.
- **Certifications:** CCNA is a mandatory certification for this role. Other relevant certifications such as JNCIA-JUNOS, PCNSA, CWNA would be desirable but not a requirement.
- BPSS checks will be carried out by Onwave.

Why Join Us?

At Onwave, you'll be part of a market-leading managed connectivity services provider that delivers future-proof network solutions to some of the UK's most prominent infrastructure and engineering projects. As a Network Engineer, you'll gain exposure to a diverse range of technologies including wireless, fixed line, satellite, and mobile backhaul—providing a robust foundation for your career in networking.

Joining Onwave means becoming part of a forward-thinking company where **learning, development, and technical excellence** are at the heart of everything we do

How to Apply

Please send your CV and links to any relevant work to our People and Culture Team at careers@onwave.com. We look forward to hearing from you!

If this sounds like you, let us know using the details below!