

Senior Network Engineer, Manchester - Top 3 Managed Cloud Computing Company

iomart

iomart is one of the leading providers of cloud computing and managed hosting. Headquartered in Glasgow, iomart employs over 400 talented staff in offices and datacentres across the UK. Originally founded in 1998, it is listed on the London Stock Exchange and specialises in delivering cloud consultancy, facilitation and digital transformation to ISVs, SMEs, enterprises and the UK public sector.

iomart's employees help enable any size of business and organisations to operate their online data and IT environments safely and securely. Our technical staff are experts in public, private and hybrid cloud solutions - including AWS and Microsoft Azure – as well as data centre and network engineering. iomart owns and operates a network of UK data centres connected by a high capacity private fibre network and backed by 24/7 technical support.

iomart Group plc is delighted to offer this opportunity to join one of the UK's leading managed hosting companies.

Role Description

You will be part of a team of technical experts managing the iomart National and International Networks and be responsible for assisting with the technical delivery of all iomart managed hosting customers and network services.

Primary Duties and Responsibilities

- Manage systems 100% uptime for the network infrastructure
- Work closely with the Group Network Manager to ensure that we maintain 100% uptime for our customers
- Act as a subject matter expert within the group for network related queries including but not limited to technical design, best practices and deployment methodologies
- Liaise with internal/external customers to understand technical requirements and resolve issues as quickly as possible and with minimum customer impact
- Provide on-call support for essential services/critical incidents as part of a rota.
- Provision new services for customers (HSRP links, Switch configurations, Firewall Deployments and Upgrades)
- Investigate and Diagnose network related incidents reported by customers, and liaise with Upstream Providers/Peers if necessary
- Analyse and Upgrade network resources where required. This includes router upgrades, uplink upgrades, chassis replacements, provisioning new point of presence locations
- Merge other networks into the iomart network - migrate BGP cores into iomart's AS number, migrate customer services into the network with no/minimal downtime
- Deploy multi-site customers using AToM circuits and L3 MPLS VPNs and assist customers during complex migrations
- Deploy and maintain BGP sessions on public peering LANs, as well as analyse traffic patterns to identify potential peers that could be targeted via LINX or as a candidate for Private Network Interconnect (PNI)
- Manage the upstream traffic commit to make sure the bandwidth overage charges are minimised

Knowledge, Skills and Experience:

Essential

- Must have UK Government SC Clearance or be eligible to apply for same (5 years UK residence typically required for this)
- Excellent written and verbal communication skills
- Cisco Certified Network Professional or equivalent experience
- Strong technical background: Routing Protocols (BGP, OSPF), Switching Technologies (STP, Dot1Q, QinQ, EtherChannel) and IPv6
- Strong understanding of the technologies and challenges in data centre environments (Broadcast Domains, VLAN's, HSRP, VRRP)
- Strong understanding of security appliances (Juniper SRX, Cisco ASA and Firepower)
- Thorough understanding of Server Operating Systems (Debian, CentOS, Windows Server)
- Experience of network design in large data centres
- Thorough planning and strong understanding of change management processes
- Experience of managing infrastructure/technical services in a hosted environment

Desirable

- Cisco Certified Internetwork Expert or equivalent experience
- Robust understanding of Cisco Core Networking (7600, 6500, 4500, ASR 1K, ASR 9K)
- Experience with Arista, Juniper, Dell, Force10
- Strong understanding of MPLS Technologies (L3VPN, AToM, VPLS)
- Excellent understanding of network overlay technologies such as Cisco ACI/VXLAN and experience in deployment and ongoing management
- Network Automation/Programming using Python and/or other scripting languages

What do we offer in return?

- Exposure and access to cutting-edge technology as well as the opportunity to work alongside like-minded technical enthusiasts
- Holiday Trading Scheme – buy or sell part of your annual leave allowance
- Travel Loans - unsecured interest free travel loans to assist employees
- ShareSave/SAYE – buy shares in the company at a discounted rate
- ½ Day off on your Birthday
- Long service benefits – additional annual leave and access to private healthcare
- Snacks, drinks and fruit all day every day
- Breakfast on us every day including a hot roll on Fridays
- We'll shout you to lunch once a month
- Supported training

Training & Development

As you can gather, we have a relaxed and friendly working environment where you will be working with some of the country's best talent and greatest technical experts. We want our people to thrive, prosper and to leave work every day feeling valued and that they have made a difference. Talented, motivated and creative people lie at the heart of our success so we invest heavily in our people by encouraging and supporting them to gain and maintain professional and vendor certifications. All of our staff are supported, through training and coaching, to learn our systems and processes enabling them to become a valuable member of the team quickly