Network Engineer

Company: BGC Group

Location: London Area

Category: other-general

Main purpose of the role: Contribute to the network infrastructure optimisation by defining, documenting and communicating the network standard designs to various IT and business teams. Define and document solutions involving multiple functional areas to ensure the correct interworking of the infrastructure elements that support those functions. Key responsibilities:Evaluate project and technical requirements, and validates the proposed solutions/products fit with Network Architecture and Technology Roadmap. Document high level designs for solutions as required, including definition of interdependencies and risks. Liaises with business project management and vendor community as necessary. Validates the implementation, ensuring that the delivered solution is consistent with the agreed architecture and will meet the requirements. Network Engineer will be primarily responsible for the Implementation of IP data networks (LAN and WAN), Internet, VPNs, and Network Services such as Network Load balancing, MPLS VPNs, Multicast Routing at an Enterprise level. This includes network infrastructure Planning, Analysis, Design, Development, Testing, Technical documentation, reporting and 3rd Level Escalated Support. Network Engineer will also work alongside respective Network architects in the implementation of Voice and Optical Transport Networks.Skills/ Experience Required:Ability to meet with internal business units to obtain requirements, analyse options, and provide solutions for multiple concurrent projects. Must have proven knowledge of and experience with data centre design methodologies. Enthusiastic about expanding knowledge with new technologies and design concepts. In-depth knowledge of Multicast and Routing/Switching protocols (Required OSPF/BGP) In-depth knowledge of MPLS based layer 2 and layer 3 services. In-depth knowledge

of firewall/DMZ architecture and perimeter network security. Knowledge of EVPN/VXLAN within the DC and implementation experience.Working knowledge of Quality of Service, Policy Routing, NAT, IPSec, VLANs, and load balancing techniques. In-depth knowledge of Juniper JUNOS. Candidate should at least have JNCIS certification. Hands-on experience with Juniper M-Series, MX-Series, EX-Series and QFX-Series is a must. Knowledge and experience with Arista EOS is mandatory. Experience with python and an automation framework, such as Ansible is desirable. Experience with F5 load balancers and Palo Alto firewalls is desirable. Excellent analytical, organizational, time management and problem solving skills are essential. As part of global engineering team, documentation management skills are must. Excellent oral and written communication skills, including ability to interact professionally with executives, customers, vendors and department staff. This is a highly-interactive position; you will interface daily with internal and external customers, and must maintain a professional demeanour.

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