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# Example of Network Engineer, Principal Job Description

Our company is looking for a network engineer, principal. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for network engineer, principal

* Configuring & Managing Nodes, Pools, Monitors, Profiles, Virtual Servers in F5 LTM
* Configuring & Managing WideIP, Pools, Servers, Monitors, Topology Records/Regions in F5 GTM
* Configuring & Managing probes, serverfarms, class-maps, policy-maps in Cisco ACE
* Migrating application URLs from Cisco CSS/ACE to F5 LTM
* Migrating application URLs from Cisco GSS to F5 GTM
* SSL certificate renewals of application URLs in Cisco CSS, Cisco ACE and F5 LTM
* Install, Update, Configure and troubleshoot NSX environment
* Design network solutions that exceed customer expectations
* Works with Managed Services Teams to refine the Network foot print
* Ensure the technology architecture is scalable across a number of dimensions

## Qualifications for network engineer, principal

* Research new technologies and equipment
* 10+ years direct experience required in the management and administration of network infrastructure - routers, switches, load balancers, SSL acceleration technology, - in a high-availability / e-commerce infrastructure on a 24x7x365 basis
* You should be familiar with test and traffic generation equipment (Spirent, IXIA)
* Understanding of peering policies vs
* Strongly versed in a variety of hardware and software manufacturers, and a high degree of comfort and experience in mixed vendor environments Cisco, Juniper, developing and deploying solutions on open source technology
* Thorough understanding of security concepts and putting those ideas into practice in a network environment