

# Network Engineer: Network Engineer IV

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Designs and plans network communications systems. Provides specifications and detailed schematics for network architecture. Provides specific detailed information for hardware and software selection, implementation techniques and tools for the most efficient solution to meet business needs, including present and future capacity requirements. Conducts testing of network design. Maintains technical expertise in all areas of network and computer hardware and software interconnection and interfacing, such as routers, multiplexers, firewalls, hubs, bridges, gateways, etc. Evaluates and reports on new communications technologies to enhance capabilities of the network.

## **Discretion/Latitude**

Work is performed without appreciable direction. Exercises some latitude in determining technical objectives of assignment. Completed work is reviewed for desired results.

## **Knowledge, Skills, & Abilities**

Applies technical expertise and has detailed knowledge of other related disciplines.

## **Problem Solving**

Develops technical solutions to complex problems that require the regular use of ingenuity and creativity.

## **Impact**

Plans and conducts assignments, generally involving the larger and more important projects. Erroneous decisions or recommendations would typically result in failure to achieve major contract objectives.

## **Liason**

Represents the organization as the technical contact on contracts and projects. Interacts with external personnel on technical matters often requiring coordination between organizations.

## **Minimum Education and Experience**

8-10+ years with a BS in designated Engineering or a related field.