



# Network Specialist V

Salary Group: B24

Class Code: 0291

<u>CLASS TITLE</u>	<u>CLASS CODE</u>	<u>SALARY GROUP</u>	<u>SALARY RANGE</u>
NETWORK SPECIALIST I	0287	B16	\$34,918 - \$55,130
NETWORK SPECIALIST II	0288	B18	\$39,521 - \$64,449
NETWORK SPECIALIST III	0289	B20	\$45,158 - \$73,788
NETWORK SPECIALIST IV	0290	B22	\$51,614 - \$84,479
<b>NETWORK SPECIALIST V</b>	<b>0291</b>	<b>B24</b>	<b>\$59,004 - \$96,720</b>
NETWORK SPECIALIST VI	0292	B26	\$69,415 - \$117,397

## GENERAL DESCRIPTION

Performs advanced (senior-level) network work. Work involves overseeing activities associated with a local area network or wide area network, Internet and intranet systems, and other data networks; planning, designing, and integrating data telecommunications networks; designing, installing, and monitoring networks; monitoring and analyzing existing hardware and software; developing policies and procedures; and evaluating potential network enhancements. May supervise the work of others. Works under minimal supervision, with considerable latitude for the use of initiative and independent judgment.

## DISTINGUISHING CHARACTERISTICS

The Network Specialist job classification series is intended for employees who are responsible for the planning, design, development, maintenance, and operation of the agency's network systems. This includes designing, configuring, troubleshooting, and maintaining the local and wide area networks, including routers, switches, gateways, and applications servers. In contrast, the Telecommunications Specialist job classification series does not focus on network systems; rather, employees in that series are responsible for the configuration and repair of telecom infrastructure, including video, data, and voice communication systems. Those employees typically install and repair voice, data, digital, wireless, and video communications systems to ensure reliable operation.

## EXAMPLES OF WORK PERFORMED

Oversees and/or conducts major studies regarding system usage, makes recommendations for improvements, and determines network system requirements.

Oversees and/or performs tuning and capacity planning activities to enhance the performance of the network resources.

Reviews network system plans for completeness and accuracy, and plans and schedules network studies and system implementations.

Analyzes existing network and system procedures for efficiency and effectiveness.

Analyzes and defines agency disaster recovery responsibilities and procedures.

Develops policies and procedures designed to ensure the integrity of local area network or wide area network environments.

Integrates local area network or wide area network requirements into the agency's information resources and business plans.

Determines operational, technical, and support requirements for the location, installation, operation, and maintenance of data communications and agency network systems.

Evaluates network technologies for potential acquisition and directs the evaluation of various hardware and software resources to identify strengths, weaknesses, and potential benefits to the agency.

Identifies, monitors, and defines the requirements of the overall security of the enterprise network.

Implements hardware and software solutions to help mitigate a wide variety of network attacks.

Provides input into the preparation of budget recommendations for network facilities, analyzes user support statistics, and implements appropriate measures.

May supervise the work of others.

Performs related work as assigned.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in local or wide area network work. Graduation from an accredited four-year college or university with major coursework in computer science, management information systems, or a related field is generally preferred. Education and experience may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of network facilities and data processing techniques; computer hardware and software; network operating system and security software; and performance monitoring and capacity management tools.

Skill in using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions, or approaches to problems.

Ability to recognize, analyze, and resolve network problems; to communicate effectively; and to supervise the work of others.