



Network Specialist IV

Salary Group: B22

Class Code: 0290

<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
NETWORK SPECIALIST V	0291	B24	\$59,004 - \$96,720
NETWORK SPECIALIST VI	0292	B26	\$69,415 - \$117,397

GENERAL DESCRIPTION

Performs highly complex (senior-level) network work. Work involves coordinating activities associated with a local area network or wide area network, Internet and intranet systems, and other data networks; coordinating network design and installation, training, monitoring, and analysis of existing hardware and software; and evaluating potential network enhancements. May serve as lead worker providing direction to others. Works under limited 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

Coordinates and/or designs and maintains local area network implementations.

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

Evaluates various hardware and software resources to identify strengths, weaknesses, and potential benefits to the agency.

Evaluates policies and procedures designed to ensure the integrity of the local area network or wide area network environments and provides recommendations to improve them.

Evaluates network technologies for potential acquisition.

Supports migration to new network operating system levels.

Monitors network security, including registering users and installing firewalls.

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

Monitors the operational network environment and takes corrective measures to ensure efficient performance.

Designs or coordinates the designing of the procedures necessary to save and recover local area network or wide area network environments from hardware and software failures.

Assists in assessing future information requirements to develop long-range and comprehensive local area network or wide area network plans.

Assists with the development and maintenance of procedures to facilitate network administration.

May serve as lead worker providing direction to 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 provide direction to others.