



Network Specialist III

Salary Group: B20

Class Code: 0289

<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 complex (journey-level) network work. Work involves the implementation, maintenance, and monitoring of local area networks, wide area networks, Internet and intranet systems, and network segments. Works under general supervision, with moderate 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

Monitors the status of the network to ensure that all devices are working properly; makes upgrades and repairs as needed.

Monitors the performance of backup, recovery, and the archival of files stored on the network.

Maintains the network's physical and logical structures, including all network connections.

Maintains the operating system and security software utilized on the network, including the addition of new users to the network and the establishment of rights and privileges.

Maintains the local area network or wide area network, Internet or intranet, cable and hub installations, and inventories.

Performs tuning and capacity planning activities to enhance the performance of the network resources.

Interprets and solves problems when a user or an automated monitoring system alerts that a problem exists.

Detects, anticipates, and mitigates network system vulnerabilities.

Prepares training courses and provides user support and training in the use of available hardware, software, and utilities.

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; and to communicate effectively.