

SPECIALIST II-NETWORK

DEFINITION:

Under the supervision of the Supervisor – Network Services , installs, upgrades and administers District servers and network technologies ; installs and maintains complex applications; prepares cost and benefit analysis of hardware and software solutions; monitors and maintains network security .

DISTINGUISHING CHARACTERISTICS:

The Specialist III-Network is an experienced-level in the Network Specialist series. The Specialist III-Network provides more complex program support and project leadership. The Specialist I-Network classification is the entry -level classification in the series. The Specialist II-Network provides more complex program support and is an experienced-level classification in the series. The Specialist IV -Network is the advanced-level in the Network Specialist series requiring greater difficulty and complexity of the analytical tasks

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- x Installs and maintains complex applications on IUSD servers; upgrades and administers District file and application servers.
- x Maintains current specialized and advanced knowledge of networking hardware and software related to assigned activities; maintains appropriate network management and security certifications or demonstrates equivalent knowledge.
- x Monitors network security, preventing unauthorized access and preserving network reliability .
- x Maintains advanced knowledge on the network protocols utilized by IUSD ; researches new network standards and recommends changes.
- x Prepares cost and benefit analysis of alternative hardware and software solutions; surveys hardware and software trends and makes strategic recommendations relative to new advances and the needs of; m

- x Network administration principles and procedures.
- x Server management, including aligning specifications to program need, forecasting growth, installation, management, backup and recovery.
- x Hardware and software installation.
- x Cybersecurity systems and best practices, including secure network design, monitoring and incident response.
- x Network equipment configuration, installation and management.
- x Record-keeping techniques , including design documentation.
- x Data center administration, including technology systems and infrastructure design and peripheral equipment (environmental and security controls).
- x Technical aspects of field of specialty.
- x Oral and written communication skills.
- x Interpersonal skills using tact, patience and courtesy.

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