

INFORMATION SERVICES SERVER-BASED COMPUTING MANAGER

DEFINITION

Under direction, to plan, develop, define, deploy and manage a complex server-based solution throughout the District; research and provide server-based computing (SBC) solutions; develop and test software and hardware deployment guidelines as it relates to server-based strategies; research, deploy and maintain client desktop management software; and do related work as required.

EXAMPLES OF DUTIES

Ensure availability and reliability of server-based application servers; employ tools to ensure server farm performance; troubleshooting SBC performance problems; assist in definition, testing and deployment of new software for deployment; establish policies for expanding application services to additional users; understand the capability of server farms; evaluate third party software products; analyze current and proposed system modifications; research and recommend server-based computing solutions consistent with District technology goals; maintain all server-based application license inventory; utilize client desktop management software to inventory desktop applications and hardware.

QUALIFICATIONS

Knowledge of

Server-based computing methodologies; Windows Terminal Server vs. Citrix advantages and disadvantages, Wyse terminals vs. other Windows based terminals; RDP vs. ISA protocols; application server farms; server replication; extensive Windows NT server; Windows Terminal Server; Citrix Metaframe; load balancing; clustering; server configurations; Windows server and desktop operating systems; centralized vs. distributed solution options utilizing server-based computing technologies; network protocols, Cisco technology; Microsoft Systems Management Server; statistical methods and procedures.

Ability to

Research and exploit all server-based computing knowledge bases; visit existing server-based deployments for best practices; identify tools that can be used to maximize application performance on server-based computing implementations; document and develop formal plans of deployment; encourage and enlist current and future user participation; make recommendations to enhance uptime in the District; research all pros and cons of server-based computing and make recommendations accordingly; develop deployment calendar for expansion of application services; utilize software to manage software and hardware at the user workstation; develop concise and comprehensive plans using good people-skills and effective communication skills; make sound judgements and draw sound conclusions to current and future system plans; perform necessary software maintenance and upgrade after-hours; stay current with new technology; work independently; maintain and establish cooperative working relationships.

Experience

Three years experience in server-based computing environment; demonstrated success in organization and deployment of server-based technologies; deployment of Microsoft Office over wide area network using Windows Terminal Server or Citrix Metaframe software; deployment of Microsoft Systems Management Server.

Education

Graduation from a four-year accredited college with supplemental course work in Citrix and Thin-client technologies. Microsoft and Citrix certification is preferred.

Physical Performance Requirements

Light: standing or walking much of the time with some bending, stooping, squatting and twisting. Light lifting frequently involved.

Licenses

Possession of a valid and appropriate California Driver's License.

Board Approved: August 23, 2000