APPLICATION SERVER ADMINISTRATOR

DEFINITION

Plans, coordinates, and directs the configuration of all District Application Server software components, including deployment of PL/SQL, and J2EE applications, stand-alone and clustered instance configuration, performance-tuning and monitoring, as well as backup and recovery procedures.

TYPICAL DUTIES

Supervises and participates in the installation, configuration, and management of Application Server software components.

Plans and coordinates the deployment of web-based applications on Application Server software.

Defines security policy domain and supervises the implementation of security for Application Server components.

Defines the installation and configuration of, and supports identity management components of the Application Server software.

Plans and coordinates the implementation of high availability solutions for Application Server software including clustering, load balancing, and fail-over.

Manages and coordinates the installation and integration of third party applications.

Maintains communication between applications, web portal, operations, and database support staff.

Provides regular status reports on progress of work.

Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

The Application Server Administrator plans, coordinates, and directs the configuration of all District Application Server software components and serves as liaison between the applications, web portal, operations, and database support staff.

The Deputy Director of Information Systems assists the Director of Information Systems to administer and coordinate the development and implementation of computer and information systems.

An Application Server Specialist implements, configures, and maintains Application Server software.

SUPERVISION

General supervision is received from a Director or Deputy Director in ITD's Information Systems Group. General supervision is exercised over Application Server Specialists and other personnel as assigned.

CLASS QUALIFICATIONS

Knowledge of:

Application administration management principles, tools, and techniques
Application level security administration
Project management techniques, including work and resource planning, scheduling, estimating, supervising, and reporting
Installation and configuration of Oracle Fusion Middleware software (including Weblogic, SOA, BPEL, BIEE, Portal and IDM) components
Installation and configuration of the Oracle middle-tier (including Oracle HTTP Server, WebCache, and OC4J) components
Installation and configuration of PL/SQL and J2EE applications such as Java Servlets, JavaServer Pages, Enterprise JavaBeans, Portlets, and Web Services
Oracle Internet Directory, Oracle Single Sign-On Server, Oracle Portal, and the Oracle Fusion Middleware Certificates Authority
Oracle Applications Server configuration for Fault Tolerance including clustering, load balance, and distributed content caching
Oracle Forms, Reports, and Discoverer
Oracle Fusion Middleware Management and Monitoring Tools, such as Oracle Enterprise Manager and/or Oracle Grid Control

Ability to:

Install, configure, and manage the components of Oracle Fusion Middleware software (including Weblogic, SOA, BPEL, BIEE, Portal, and IDM as well as Oracle Middle Tier including Application Server, Report, Forms, and Discoverer)
Apply patches and upgrades as necessary
Set up monitoring tools
Monitor and analyze web traffic
Analyze, integrate, and manage the components of complex applications software involving diverse systems and platforms
Coordinate supporting activities with database administrators, operating systems administrators, Quality Assurance, and developers
Provide first level support
Communicate and work effectively with District personnel and outside contractors
Work independently on complex assignments
Exercise tact and good judgment
Supervise technical personnel effectively

ENTRANCE QUALIFICATIONS

Education:

Graduation from a recognized college or university with a bachelor's degree in Computer Science, Information Science, Engineering or equivalent. Graduate level courses in computer or information science, operations research or database techniques are preferable. Qualifying experience in addition to that required may be substituted for the required education on a year-for-year basis.

<u>Experience</u>:

Four years of experience in the design, implementation, integration, and management of various Application Server components including web portal, identity management, and single sign-on services for an Oracle Fusion Middleware farm.

<u>Special</u>:

A valid California Driver license
Use of an automobile

SPECIAL NOTE:

Management class.

This class description is not a complete statement of essential functions, responsibilities, or requirements. Requirements are representative of the minimum level of knowledge, skill, and/or abilities. Management retains the discretion to add or change typical duties of a position at any time.

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