APPLICATION SERVER SPECIALIST

DEFINITION

Plans and coordinates the configuration, implementation, and administration of Application Server software.

TYPICAL DUTIES

Deploys web-based applications on Application Server software.
Implements security for Application Server components.
Installs, configures, and supports identity management components of the Application Server software.
Implements high availability solutions for Application Server software including clustering, load balancing, and fail-over.
Installs and integrates third party applications.
Develops and recommends technical policies.
Evaluates new applications to determine their effect on existing applications, production, and systems software.
Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS AMONG RELATED CLASSES

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

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.

A Senior Programmer Analyst, working independently or as a project leader, applies advanced technical proficiency in systems design and programming to the analysis of unusually complex management information problems and requirements and the design of improved information systems.

SUPERVISION

General supervision is received from the Application Server Administrator. No supervision is exercised.

CLASS QUALIFICATIONS

Knowledge of:

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 (including Weblogic, SOA, BPEL, BIEE, Portal, and IDM as well as Oracle Middle Tier including application server, report, forms, 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

Provide first level support

Communicate and work effectively with District personnel and contractors

Work independently on complex assignments

Exercise tact and good judgment

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.

Experience:

Two 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.

Special:

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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