jsp-142185.html. For information about Java EE programming model support in WebLogic Server, see the following programming guides:

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- Web Applications provide the basic Java EE mechanism for deployment of dynamic web pages based on the Java EE standards of servlets and JavaServer Pages (JSP). Web applications are also used to serve static web content such as HTML pages and image files.
- Web Services provide a shared set of functions that are available to other systems on a network and can be used as a component of distributed web-based applications.
- XML capabilities include data exchange, and a means to store content independent of its presentation, and more.
- Java Messaging Service (JMS) enables applications to communicate with one another through the exchange of messages. A message is a request, report, and/or event that contains information needed to coordinate communication between different applications.
- Java Database Connectivity (JDBC) provides pooled access to DBMS resources.
- Resource Adapters provide connectivity to Enterprise Information Systems (EISes).
- Enterprise JavaBeans (EJB) provide Java objects to encapsulate data and business logic.
- Remote Method Invocation (RMI) is the Java standard for distributed object computing, allowing applications to invoke methods on a remote object locally.
- Security APIs allow you to integrate authentication and authorization into your Java EE applications. You can also use the Security Provider APIs to create your own custom security providers.
- WebLogic Tuxedo Connectivity (WTC) provides interoperability between WebLogic Server applications and Tuxedo services. WTC allows WebLogic Server clients to invoke Tuxedo services and Tuxedo clients to invoke EJBs in response to a service request.
- Coherence provides distributed caching and data grid capabilities for WebLogic Server applications.
- Overview of WebLogic Server Application Development describes developer tools and best practices for coding WebLogic Server applications.

# High Availability

Oracle WebLogic Server provides several features and tools to support the deployment of highly-available applications that can be automatically scaled to meet demand in a reliable and fault-tolerant manner. The high availability features provided in WebLogic Server include the following:

- Continuous Availability provides an integrated solution for building maximum availability architectures (MAA) that span data centers in distributed geographical locations. Integrated components include Oracle WebLogic Server, Oracle Coherence, Oracle Traffic Director, and Oracle Site Guard.
- WebLogic Server clusters provide scalability and reliability for your applications by distributing the work load among multiple instances of WebLogic Server. Incoming requests can be routed to a WebLogic Server instance in the cluster based on the