1Z0-599^{Q&As}

Oracle WebLogic Server 12c Essentials

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QUESTION 1

You deploy more than one application to the same WebLogic container. The security is set on JavaEE level and all deployed JavaEE applications use the same security roles. What is your recommendation for an architecture with those requirement

A. Combine all applications into a single one.

B. Define global roles on the WebLogic Domain level.

C. Use Ms Active Directory to keep the roles there.

D. Use Oracle Identity and Access Management solution to simplify the management.

E. Keep role mapping in the external WebLogic Role Mapped developed for that solution.

Correct Answer: B

Note:

* Types of Security Roles: Global Roles and Scoped Roles

There are two types of security roles in WebLogic Server:

/ A global security role can be used in any security policy. Oracle provides several default global roles that

you can use out of the box to secure your WebLogic resource

/ A scoped role can be used only in policies that are defined for a specific instance of a WebLogic resource

(such as a method on an EJB or a branch of a JNDI tree). You might never need to use scoped roles. They

are provided for their flexibility and are an extra feature for advanced customers.

Incorrect:

Not E: Role mapping is the process whereby principals (users or groups) are dynamically mapped to

security roles at runtime. In WebLogic Server, a Role Mapping provider determines what security roles

apply to the principals stored a subject when the subject is attempting to perform an operation on a

WebLogic resource. Because this operation usually involves gaining access to the WebLogic resource,

Role Mapping providers are typically used with Authorization providers.

QUESTION 2

For real time event processing, which three clients can you use?

A. Java

B. C++

C. .NET

D. REST

Correct Answer: ABC

QUESTION 3

Which WebLogic edition bundles JRockit Real Time?

A. WebLogic Server Standard Edition

B. WebLogic Server Enterprise Edition

C. WebLogic Server Suite

D. WebLogic Server Grid Edition

E. WebLogic Server Cloud Edition

Correct Answer: C

QUESTION 4

A customer needs to implement a Highly Available solution for JMS that has a primary data center and a backup. Which three steps would you perform when designing your solution?

A. Store Transaction Logs in a database and use Database stores for JMS to make replication between sites easier.

B. Use file based Transaction Logs and JMS stores and implement a separate replication solution for files in addition to database in case database replication fails.

C. Implement Oracle RAC at each site to provide a highly available solution within each datacenter.

D. Configure Whole Server Migration to migrate WebLogic Managed Servers from the primary to the secondary site.

E. Configure Automatic Service Migration for JMS high availability within a datacenter.

Correct Answer: ACE
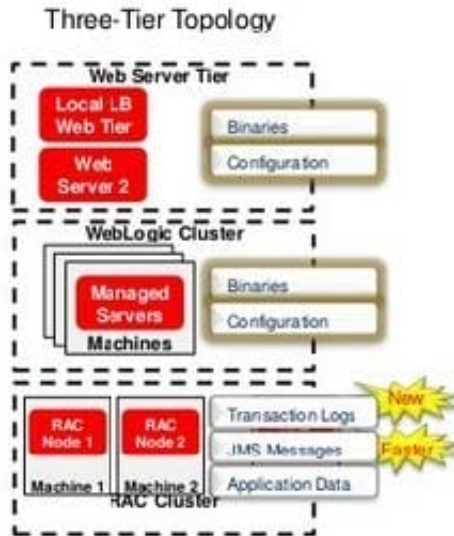
Note:

WebLogic Server 12c Disaster Recovery

Features from WebLogic Server 10.3.6

Three-Tier Topology

Transaction Logs in Database
- Option to use DB instead of file store
- Enables common storage, replication with application and JMS data
- Configuration benefits
- Supported with RAC, Exalogic, Exadata
- Maximum performance with GridLink

JDBC Store Performance
- Optimizations for DB Store use cases
- Enabler for new DR architectures
- Supported with RAC, ExaLogic, Exadata
- Maximum performance with GridLink

Web Server Tier
Local LB Web Tier
Web Server 2
Binaries
Configuration

WebLogic Cluster
Managed Servers
Machines
Binaries
Configuration

RAC Node 1 | RAC Node 2
Machine 1 | Machine 2
RAC Cluster
Transaction Logs — New
JMS Messages — Faster
Application Data

QUESTION 5

A customer has a critical, performance-sensitive web application that connects to a multinode Oracle RAC database. Which feature of WebLogic can provide significant performance benefit?

A. The Web Session Affinity feature of Active GridLink for RAC

B. WebLogic Clustering

C. The Transaction Affinity feature of Active GridLink for RAC

D. Coherence*Web Session Replication

Correct Answer: C

XA Affinity and Failover When accessed within a global transaction, the member data source from which the JDBC connection was obtained is pinned to the global transaction for the life of the transaction. This ensures that all database operations performed on connections obtained from the Multi Data Source, for a particular transaction, all execute on the same RAC instance. XA affinity results in improved performance and is even a requirement for older versions of RAC, such as prior to 11g. The XA failover is also supported by the Multi Data Source and transaction manager implementations. If a pinned RAC instance suffers a failure, then a global transaction can complete utilizing a different RAC instance using a connection obtained one of the other member data sources.

Reference: Oracle WebLogic Server Active GridLink for Oracle Real Application Clusters(RAC)