



Oracle 1Z0-136

Oracle WebLogic Server 14c Administrator Professional

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Question: 1

Which component defines the basic administrative unit of WebLogic Server where resources, applications, and configuration are logically grouped?

- A. Cluster
- B. Machine
- C. Domain
- D. Node Manager

Answer: C

Explanation:

A domain is the fundamental administrative unit in WebLogic. It groups resources like servers, clusters, machines, and deployed applications under a single management structure. Every WebLogic installation must have at least one domain. Machines and clusters are subsets within a domain, while Node Manager is used to control server processes.

Question: 2

Which of the following statements best describes a WebLogic Server?

- A. A WebLogic Server represents a JVM process capable of hosting Java EE applications.
- B. A WebLogic Server is only used for cluster coordination.
- C. A WebLogic Server is the configuration unit for machines.
- D. A WebLogic Server cannot exist without Node Manager.

Answer: A

Explanation:

A WebLogic Server is essentially a Java process (JVM) that runs applications and services. It can function independently without Node Manager, though Node Manager enhances lifecycle control. It is not limited to cluster tasks, nor is it bound to machine configuration.

Question: 3

- A. Domain
- B. Cluster
- C. Machine
- D. Node Manager

Answer: C

Explanation:

A machine is a logical representation of a physical host in WebLogic. It enables Node Manager to know which physical system it should control. Clusters manage scalability, domains organize resources, and Node Manager handles server start/stop, not host mapping.

Question: 4

Which of the following are correct statements about a WebLogic cluster? (Choose two)

- A. A cluster ensures high availability by replicating applications.
- B. A cluster is required to run a Node Manager.
- C. A cluster enables load balancing of requests across multiple servers.
- D. A cluster represents the physical machine where managed servers run.

Answer: A, C

Explanation:

Clusters provide load balancing and high availability across multiple managed servers. They replicate stateful session data to ensure fault tolerance. Node Manager operates independently of clusters, and machines—not clusters—map to physical hosts.

Question: 5

Which of the following roles is not performed by the Node Manager?

- A. Starting and stopping WebLogic Server instances.
- B. Monitoring server health and restarting failed servers.
- C. Deploying Java EE applications to WebLogic domains.
- D. Restarting servers automatically after failure.

Answer: C

Explanation:

Node Manager manages server processes—starting, stopping, and monitoring them. Application

Question: 6

When defining a WebLogic domain, which two server types must be present? (Choose two)

- A. Administration Server
- B. Managed Server
- C. Node Manager
- D. Cluster

Answer: A, B

Explanation:

A domain must have exactly one Administration Server, which manages the domain configuration, and can have one or more Managed Servers, which run applications. Node Manager and clusters are optional but recommended for availability and scalability.

Question: 7

Which statement about the Administration Server in a WebLogic domain is true?

- A. There can be multiple Administration Servers in a single domain.
- B. It hosts administrative tools like the console and WLST.
- C. It must be part of a cluster.
- D. It cannot host user applications.

Answer: B

Explanation:

The Administration Server is the central control point for configuration and management in a domain. There is only one Admin Server per domain, and it can also host applications if required. It is not clustered by default.

Question: 8

A WebLogic Managed Server differs from an Administration Server in that:

- A. It runs Node Manager by default.
- B. It can run user applications.
- C. It always belongs to a cluster.
- D. It cannot be monitored by the Administration Console.

Managed Servers are designed to run deployed applications and resources. They do not run Node Manager directly (Node Manager controls them). Managed Servers may or may not belong to clusters but can always be monitored by the Administration Console.

Question: 9

Which two features are provided by Node Manager? (Choose two)

- A. Automatic restart of Managed Servers after failure
- B. Centralized configuration management
- C. SSL-based communication with Admin Server
- D. Remote server start/stop

Answer: A, D

Explanation:

Node Manager provides process lifecycle management, such as remote start/stop and automatic restarts upon failure. Centralized configuration management is done by the Admin Server. SSL is supported but is not its defining feature.

Question: 10

If Node Manager is not running, which functionality will be unavailable?

- A. Starting Managed Servers remotely via the Admin Console
- B. Deploying an application through WLST
- C. Creating a new WebLogic domain
- D. Accessing the Administration Console

Answer: A

Explanation:

Node Manager is required for remote start/stop operations of Managed Servers through the Admin Console or WLST. Application deployment and domain creation can be done without Node Manager, as they depend on the Admin Server.

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