



# 1Z0-457<sup>Q&As</sup>

Oracle Enterprise Manager 12c Essentials

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### QUESTION 1

Which two statements are true about Oracle Enterprise manager SOA management Pack Enterprise Edition and WebLogic Server Management pack Enterprise (EE)?

- A. SOA Management Pack EE is not a superset of the WebLogic Server management Pack EE.
- B. SOA Management Pack EE cannot monitor the full software stack for Oracle SOA Suite, Oracle Service Bus, and Application Integration Architecture.
- C. SOA Management Pack EE is a superset of WebLogic Server management pack EE.
- D. SOA management Pack EE can monitor the full software stack for Oracle SOA SUITE, Oracle Service Bus, and Application Integration Architecture.

Correct Answer: AD

A, D (Not B, not C):

\* SOA Management Pack Enterprise Edition

This pack supports the following Grid Control SOA targets:

Business Process Execution Language (BPEL)

Oracle Service Bus (OSB)

Oracle SOA Suite 11g Infrastructure (soa-infra)

Oracle SOA Suite 11g SOA Composites

This pack also supports the following Application Dependency and Performance (ADP) targets:

Business Process Execution Language (BPEL)

Oracle Enterprise Service Bus (OESB)

Oracle Secure Backup (OSB)

WebLogic Integration (WLI)

Oracle SOA Suite 11g SOA Composites

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WebLogic Server Management Pack Enterprise Edition This pack offers a complete, cost-effective, and easy-to-use solution for managing Oracle Fusion Middleware, Oracle WebLogic Server, and Oracle Application Server. At a high level, this pack provides capabilities for application performance management, configuration management, service level management, coherence management as well as provisioning and patch automation for Oracle Application Server, Oracle Fusion Middleware, and/or Oracle WebLogic Server software.

Note:

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Enterprise Manager offers the following management packs for Oracle Middleware Enterprise Management: WebLogic Server Management Pack Enterprise Edition SOA Management Pack Enterprise Edition Management Pack for WebCenter Suite Diagnostics Pack for Oracle Middleware Management Pack for Oracle Coherence

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## QUESTION 2

Which Oracle Enterprise Manager Pack includes deployment procedures?

- A. Configuration Management
- B. Configuration Pack for Middleware
- C. Database Lifecycle Management Pack
- D. Diagnostics Pack for Non-Oracle Middleware

Correct Answer: C

Database Lifecycle Management Pack comes with out-of-box Deployment Procedures to provision and patch the Oracle Database (both Single Instance Database and RAC) including the underlying infrastructure. Enterprise Manager supports segregation of duties, so that a Designer can create the provisioning and patching workflows while an Operator can simply deploy the databases using those workflows.

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## QUESTION 3

Identify the sequence of steps that is needed to set up the virtualization infrastructure before you start monitoring and managing virtualization targets with Oracle Enterprise manager.

- A. Register OVM Manager and discover Oracle VM Server; set up the storage infrastructure; configure networks and VLAN groups; and create a virtual server pool.
- B. Register OVM manager and discover Oracle VM Server; configure networks and VLAN groups; set up the storage infrastructure; and create a zone.
- C. Configure networks and VLAN groups; create a virtual server pool; register OVM manager and discover Oracle VM Server; and set up the storage infrastructure.
- D. Configure the networks and VLAN group; set up the storage infrastructure; create a virtual server pool; and register OVM Manager and discover Oracle VM Server.

Correct Answer: B

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The Oracle VM Manager provides the user interface that allows you to create and manage zones, virtual server pools, virtual servers, and guest virtual machines. Before you use the Oracle VM Manager to manage virtualization targets in Enterprise Manager, you must register an existing installation of the Oracle VM Manager.

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A virtual server is a generic term used to describe a physical box which has virtualization software (hypervisor) running on it. A new virtual server can be provisioned by installing the OVM Hypervisor on a bare metal box. Before you add a virtual server to a server pool, it must be discovered.



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### Setting Up Networks

. You can define a name or an alias for each logical network. When you have created your networks, you connect the physical network ports on Oracle VM Servers to the logical networks. Before you define the logical networks in Enterprise Manager, you have to review your physical network configuration that you intend to use, such as VLAN and subnet usage. Setting up an Oracle VM network involves: Generating MAC Addresses Creating and configuring VLAN Groups Creating Networks Reference: Setting Up Cloud for IaaS

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### QUESTION 4

What feature of the Diagnostic Pack for Oracle Database collects statistics on all active sessions and stores it in memory?

- A. Active Session History (ASH)
- B. Automatic Database Diagnostic Monitor (ADDM)
- C. Automatic Workload Repository (AWR)
- D. Automatic Storage Management (ASM)

Correct Answer: A

Oracle introduced Active Session History (ASH) in Oracle Database 10g. ASH automatically collects session related wait information via the Oracle database kernel (thus reducing the impacts of the collection of this information). The information is first captured into a memory buffer that is of a fixed size and is allocated from the SGA fixed area when the database is started.

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### QUESTION 5

Identify three consolidation choices handled by Oracle Enterprise Cloud Control Consolidation Planner.

- A. Physical-to-virtual
- B. Database consolidation on Exadata
- C. Application consolidation on Exalogic
- D. WebLogic consolidation on Exalytics
- E. Virtual-to-physical

Correct Answer: ABC

Using Enterprise Manager, you can transform existing data centers into a Cloud environment. Before setting up a Cloud, you should map out your infrastructure requirements, such as the physical and virtual networks, storage arrays, applications and so on.

The Enterprise Manager Consolidation Planner is a powerful tool that helps administrators plan the Cloud architecture. It allows you to identify source and destination targets and applicable technical and functional constraints such as where the application can reside, and so on. You can generate consolidation advisories that may include plans to move from



Physical to Virtual (P2V) (A) , Physical to Physical (P2P), or Physical to an Exadata solution (B). The Consolidation Planner can also be used to identify the database consolidation plan which is helpful when setting up Database-as-a-Service (DBaaS).

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