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

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

Oracle Enterprise Manager 12c Essentials

# Pass Oracle 1Z0-457 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

**https://www.pass4itsure.com/1z0-457.html**

## 100% Passing Guarantee
## 100% Money Back Assurance

Following Questions and Answers are all new published by Oracle Official Exam Center

**QUESTION 1**

Identify the correct sequence of processes involved in developing plug-ins for Oracle Enterprise Manager.

A. Design, Develop, Validate, and Package

B. Design, Develop, Package, and Validate

C. Develop, Design, Validate, and Package

D. Design, Validate, Develop, and Package

Correct Answer: A

Developing a plug-in involves:

1.

 Designing the set of entities to be included in the plug-in

2.

 Defining the metadata that describes them to Enterprise Manager

3.

 Packaging and delivering the plug-in so that users can deploy and use it in Enterprise Manager installations

Note: The EDK archive contains the following directories: \bin Contains the empdk utility, which you use to: Validate the structure of your plug-in Package your plug-in Convert the metadata for existing (pre-Cloud Control 12) plug-ins to the new metadata formats

---

**QUESTION 2**

What are three message content and context search examples for transaction that can be performed with Oracle Enterprise Manager Transaction Management?

A. By customer ID

B. By input ID

C. By message rejection

D. By time of arrival

E. By message type

Correct Answer: ADE

Providing a complete end to end solution, Oracle Enterprise Manager 11g introduces Business Transaction Management (BTM) which provides sophisticated instrumentation for real-time detection, alerting, and remediation of various types of unexpected business or technical conditions. Using BTM, application support personnel can search transactions based on message content and context--such as time of arrival (D), message type (E), or client credentials

(A)--to narrow-down the root cause.

**QUESTION 3**

Which usage is true when you utilize the HTTPS channel to set up secure communications for Oracle Enterprise manager?

A. You use it for console access and agent data upload to Oracle management Service.

B. You use it only for console access.

C. You use it only for agent data upload to Oracle Management Service.

D. You use it when you set up High Availability.

Correct Answer: A

*

The emctl secure oms command provides immediate HTTPS browser access to the Grid Control Console by using the secure Management Agent upload port.

*

Only secure Management Agent installations that use the Management Service HTTPS channel are able to upload data to your Management Repository.

Reference: Enterprise Manager Security

**QUESTION 4**

Which Oracle Enterprise manager Ops Center capability is used by the High Availability capability for proxy controllers?

A. Generating alerts and incidents if assets are no longer reachable

B. Moving assets from one proxy controller to another

C. Switching between agent and Agentless management access

D. Upgrading agent controllers to the most recent version

E. Patching the asset to the most recent version

Correct Answer: B

For the Enterprise Manager Ops Center environment, high availability applies only to the Enterprise Controller and its co-located Proxy Controller. To avoid a single point of failure in the Enterprise Manager Ops Center software, transfer the /var/opt/sun/xvm directory structure manually from the primary Enterprise Controller to a secondary Enterprise Controller. The secondary Enterprise Controller duplicates the primary Enterprise Controller\\'s configuration and takes over much of the primary Enterprise Controller\\'s identity, including its host name, its IP addresses, its ssh keys, and its role. Only one Enterprise Controller, either primary or secondary, can be operational at any time.

Reference: Oracle Enterprise Manager Ops Center Site Preparation Guide, High Availability for the Enterprise

Controller

---

**QUESTION 5**

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

*

 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.

*

 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.

*

 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

---

**QUESTION 6**

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.

**QUESTION 7**

Which three practices are recommended for the Oracle Enterprise Manager Repository?

A. For High Availability, Active Data Guard is recommended.

B. For backup, RMAN is recommended.

C. For clustering, Oracle RAC is recommended.

D. For a standby and reporting archive, a MySQL database is recommended.

E. For partitioning, enabling parallel query in INIT.ORA is recommended.

Correct Answer: ABC

**QUESTION 8**

Which statement is true about Oracle Enterprise Manager?

A. It enables users to provision Java EE applications (EAR and WAR files) across WebLogic Server domains.

B. It enables users to provision APEX applications across WebLogic domains.

C. It enables users to provision PL/SQL applications across WebLogic Servers domains.

D. It enables users to provision Java EE applications (EAR and WAR files), but not across a WebLogic Server domain.

Correct Answer: A

In order to manage Java EE applications across domains, Oracle Enterprise Manager includes the ability to store Java EE applications (i.e. ear and war files) within the software library which can include multiple versions of these applications

for quick deployments to multiple domains across your enterprise or cloud simultaneously.

Note:

Organizations have to be agile in order to compete globally and adapt to changes in business and technology. To achieve this objective, many large IT organizations have implemented flexible integration solutions that include Java EE

application servers such as Oracle WebLogic Server and Fusion Middleware technologies.

Reference: Enterprise Manager Cloud Control 12c: Managing Oracle WebLogic Server with Enterprise Manager

**QUESTION 9**

When you use the Oracle Enterprise manager Cloud Control single system upgrade method, backup of the Oracle Management Repository (OMR) is not necessary _____.

A. When all the practice upgrades on the test system are successful

B. When you already have daily backup

C. When disk space is not available

D. When flashback is enabled

E. But recommended as a best practice

Correct Answer: E

Note:

* Oracle Management Repository (Repository) is responsible for data storage, rollup and purging

**QUESTION 10**

What Enterprise Manager functionality can you use to monitor non-Oracle components from the Oracle Enterprise Manage console?

A. User exits

B. Connector Framework

C. Management plug-ins

D. Feature not supported by Oracle Enterprise Manager

Correct Answer: C

Enterprise Manager allows you to monitor and manage a variety of components out-of-the-box.

The Management Plug-ins allow you to seamlessly monitor and manage non-Oracle components from the Grid Control console by providing an easy way to specify new classes of components for Enterprise Manager to monitor.

Reference: Oracle Enterprise Manager Concepts

**QUESTION 11**

You are responsible for a mass development of the management agent. Which is the function you access through the Enterprise Manager console for this purpose?

A. Agent Download

B. Agent Deploy

C. Clone Agent

D. nfsAgentInstall

Correct Answer: D

You can use the nfsagentinstall script to install Oracle Management Agents (Management Agent) with the help of a central, shared Oracle home of an existing Management Agent.

Note:

If you want to install additional Management Agents on hosts that share a mounted drive where a Management Agent is already installed, then the best option is to use the software binaries of the shared Oracle home from the mounted drive

and configure the remote hosts to be managed by that Management Agent, thus capitalizing on the NFS visibility and saving hard disk space on the remote hosts. You can achieve this in GUI as well as in silent mode.

While the Shared Agent Deployment Wizard helps you install such Management Agents in GUI mode, the nfsagentinstall script helps you install in silent mode.

Much like the Shared Agent Deployment Wizard, the nfsagentinstall uses the software binaries from the shared Oracle home, and configures an EMSTATE directory on each of the remote destination hosts for storing configuration files such

as emd.properties, targets.xml, log files, and so on. Reference: Installing Oracle Management Agent Using Shared Oracle Home Using nfsagentinstall Script

---

**QUESTION 12**

Which would you configure so that an Oracle Enterprise manager user has the ability to perform jobs without having to know specific credential information?

A. A named credential

B. A pseudo account

C. A user job credential

D. A named job

Correct Answer: A

A named credential is a users\\' authentication information on a system. A named credential can be a user name/password, a public key-private key pair, or an X509v3 certificate. An Enterprise Manager administrator can store these credentials as named entities in Enterprise Manager to use when performing operations like running jobs, patching, and other system management tasks. For example, you can store the user name and password that you want to use for patching as MyPatchingCreds. You can then later submit a patching job that uses MyPatchingCreds to patch the production databases.

Named Credentials can be created for the credential types in Enterprise Manager 12c. The most commonly used credential types for host and database target types are described in the following sections.

---

**QUESTION 13**

Which three are key elements in the plugin.xml file for Oracle Enterprise Management?

A. CredentialInfo

B. CredentialType

C. CredentialSet

D. CredentialSetRow

E. CredentialMember

Correct Answer: ABC

Key elements in a plugin.xml file

*

 CredentialInfo

*

 CredentialType

*

 CredentialSet

*

 CredentialSetColumn Reference: Oracle Enterprise Manager Cloud Control Extensibility Programmer\\'s Reference

---

**QUESTION 14**

Which three Oracle WebLogic Server Change and Compliance Management capabilities are available in Oracle Enterprise Manager?

A. Identifying the host practices related to the Weblogic Server configuration.

B. Tracking application security compliance violations in Web logic Server

C. Tracking networking compliance violations

D. Ensuring Sarbanes-Oxley and PCI compliance across the stack

E. Ensuring WebLogic license compliance

Correct Answer: ABD

A: Examples of information collected at regular intervals include:

/ Oracle WebLogic Server software installations, including applied patches / Oracle WebLogic Server configuration parameters (e.g. ports, JVM information, JDBC and JMS resources, startup and shutdown classes) and configuration files /

Operating system patches, kernel parameter settings, and installed packages / Hardware components including CPU, memory, storage, and network devices

B: Many performance degradation issues in production application environments occur due to unauthorized configuration change. Organizations using Oracle WebLogic Server and other Application Servers routinely struggle with managing

configurations and enforcing compliance standards across all of their server deployment. Oracle Enterprise Manager provides comprehensive configuration management capabilities that help customers maximize value of their IT assets,

increase the quality of IT services, reduce the cost of managing IT, and meet IT compliance requirements.

D: Ensuring compliance with standards such as SOX (Sarbanes-Oxley), ITIL, and PCI, as well as with unique business standards, is a challenge. Oracle Enterprise Manager ships with several predefined policies for Oracle WebLogic Server

and also enables users to define their own specific policies and groups to quickly demonstrate compliance with various regulations and standards.

Reference: Enterprise Manager Cloud Control 12c: Managing Oracle WebLogic Server with Enterprise Manager, Configuration and Change Management

---

**QUESTION 15**

Which three activities can you perform by utilizing the monitoring templates in Oracle Enterprise Manager?

A. Apply standardized monitoring settings across managed targets.

B. Create once, and then apply monitoring and policy settings as needed.

C. Apply a template only to targets of the same type.

D. Clone templates across VMs.

E. Export templates directly to tape.

Correct Answer: ABC

Monitoring templates simplify the task of standardizing monitoring settings across your enterprise by allowing you to specify the monitoring settings once and apply them to your monitored targets. This makes it easy for you to apply specific monitoring settings to specific classes of targets throughout your enterprise. For example, you can define one monitoring template for test databases and another monitoring template for production databases.

Reference: Oracle Enterprise Manager Administration, Monitoring Templates