



1Z0-457^{Q&As}

Oracle Enterprise Manager 12c Essentials

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QUESTION 1

Identify two Cloud services, as defined by NIST, that Oracle Enterprise Manager Cloud Control self service Portal supports.

- A. Infrastructure-as-a-Service
- B. Network-as-a-Service
- C. Platform-as-a-Service
- D. Software-as-a-Service
- E. Testing-as-a-Service

Correct Answer: AC

The Self Service Console is a browser based web application that is available to tenants to provision, manage and maintain their applications/infrastructure, review usage/quota, validate availability and chargeback information. This is available for Infrastructure as a Service (IaaS), Platform as a Service (PaaS). Platform as a Service can be further classified into Java as a Service (JaaS) and Database as a Service (DaaS).

Note:

*

National Institute of Standards and Technology (NIST)

*

NIST service models are: / Software as a Service (SaaS). / Platform as a Service (PaaS) / Infrastructure as a Service (IaaS).

Reference: Enterprise Manager 12c: The Nerve Center of Oracle Cloud

QUESTION 2

What two prerequisites actions must a user perform to create Virtual Database (VDC) in Oracle Enterprise Manager Ops Center?

- A. Associate a network domain with Server Pools
- B. Associate a public cNet with Server Pools.
- C. Create one or more Server Pools.
- D. Create one or more accounts.
- E. Create one or more vServer types.

Correct Answer: CD

The following procedures describe the steps to create a vDC:



*

Discover Oracle VM Server for x86

*

Set up the Network

*

(C) Set up the Server Pool

*

Set up the Storage

*

Create a Virtual Datacenter

*

(D) Create an Account

*

Create and Assign Cloud User to Accounts

*

Cloud User View and Actions

D: To deploy Infrastructure-as-a-Service (IaaS) cloud platform service, Oracle Enterprise Manager Ops Center provides the vDC Management feature. You must have the Cloud Administrator role to set up the infrastructure and create virtual datacenters in your enterprise. The physical resources allocated to a vDC are entitled to accounts as virtual resources under quotas set by the cloud administrator. Accounts provide the required capabilities to manage the allocated resources. For each vDC, create accounts that serve as a container for virtual resources. The allocated resources of vDC are entitled to accounts, and the accounts are in turn entitled to cloud users. A cloud user uses the allocated resources to deploy, and manage the applications.

Reference: Oracle Enterprise Manager Ops Center, Configuring a Virtual Datacenter

QUESTION 3

Which three configuration management functions are included in the Oracle Enterprise manager WebLogic Management Pack Enterprise Edition?

- A. Comparing user files that are not associated with the Oracle Middleware home
- B. Tracking configuration drift
- C. Detecting policy violations
- D. Tracking memory drift



E. Generating WebLogic regulatory compliance exceptions

F. Comparing configurations across WebLogic Server domains

Correct Answer: BEF

The WebLogic Server Management Pack Enterprise Edition provides comprehensive lifecycle management capabilities for middleware software and its underlying hardware that help customers to maximize value of their IT assets, increase the quality of IT services, reduce the cost of managing IT, and meet IT compliance requirements. Key configuration management related features of the pack include the following:

*

Automate discovery of configuration items

*

Detect configuration changes in real-time and track changes historically

*

(B) Compare configurations to reduce "configuration drift" and when undesired differences are detected, synchronize the configurations to make them the same again

*

Correlate both real-time and historical configuration changes with performance metrics *(E) Ensure compliance with unique business policies including former BEA Guardian signatures in addition to standards such as Sarbanes-Oxley (SOX) and Payment Card Industry (PCI)

F: Manage multiple domains centrally

Reference: Weblogic Server Management Pack Enterprise Edition, Data Sheet

QUESTION 4

Identify three key capabilities of Oracle Enterprise Manager Cloud Control Consolidation Planner.

A. Automatically generating a business justification and ROI document

B. Determining likely candidates for consolidation

C. Consolidating physical and virtual environments

D. Identifying under or over utilized servers

E. Identifying and compressing overlapping data

Correct Answer: BCD

C: The Consolidation Planner feature enables you to match managed servers you want to consolidate with the generic physical machines, Oracle Exadata database machines, or Oracle Virtual Machine (VM) servers they can be consolidated to.

B, D:



/ The goal of consolidation is to identify such under-utilized servers and find a way to consolidate them, enabling the enterprise to free up as many servers as possible while continuing to maintain service levels.

Note:

/ Compare the consolidation scenarios you create to determine which consolidation strategy best meets your requirements.

Your objective is to:

*

Match source server resource requirements with destination servers best able to meet those requirements

*

Fit source server requirements with each destination server's available resources as tightly as possible, so you can get maximum usage of destination server capacity

*

Optionally balance the source server workload across all available destination servers Reference: Oracle Enterprise Manager Cloud Administration Guide , Using Consolidation Planner

QUESTION 5

Which three abilities are supported by the hardware management function in Oracle Manager Ops Center?

- A. Updating the system firmware
- B. Configuring the Infiniband fabric
- C. discovering the network devices
- D. configuring the security devices
- E. updating firmware on third party storage

Correct Answer: ABC

A:

*

Oracle Enterprise Manager Ops Center uses firmware profiles to provision, or update firmware on an asset.

*

Oracle Enterprise Manager Ops Center supports a wide variety of hardware resources. This release of Oracle Enterprise Manager Ops Center has been extended to support the firmware update of components such as RAID Controllers,

Expanders, Disks and PDUs. You can now manage the firmware for a variety of hardware resources in Oracle Enterprise Manager Ops Center.



B: Oracle Enterprise Manager Ops Center supports Ethernet and InfiniBand network protocols.

C: In Oracle Enterprise Manager Ops Center, networks become part of a network domain in the following ways:

An asset that has a network is discovered.

A user creates a network.

A network is created when it is required. This is a dynamic network.

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