

1Z0-457^{Q&As}

Oracle Enterprise Manager 12c Essentials

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QUESTION 1

The shared file system loader configuration on the Oracle Enterprise management Service is for _____.

- A. Auditing
- B. Security
- C. High availability
- D. High availability and security

Correct Answer: C

The Management Service for Grid Control has a high availability feature called the Shared Filesystem Loader. In the Shared Filesystem Loader, management data files received from Management Agents are stored temporarily on a common

shared location called the shared receive directory. All Management Services are configured to use the same storage location for the shared receive directory. The Management Services coordinate internally and distribute among themselves

the workload of uploading files into the Management Repository. Should a Management Service go down, its workload is taken up by surviving Management Services. You must choose a shared receive directory that is accessible by all the

Management Services using redundant file storage.

Note:

Oracle strongly recommends you to configure a shared file system loader so that a common location is maintained to store all the metric data files uploaded by the Management Agents.

QUESTION 2

When Oracle Enterprise manager is integrated with My Oracle Support, what are the three capabilities that can be performed?

- A. Assigning incidents to the IT staff for problem resolution
- B. Monitoring, updating, and creating service requests
- C. Comparing the patches installed in your configuration with What Oracle recommends
- D. Integrating with the external ticketing system and viewing the status of the help desk tickets opened Oracle Enterprise Manager
- E. Viewing the current patch recommendations from Oracle in Oracle Enterprise Manager's Patch Recommendation

Correct Answer: BCE

B: With Enterprise Manager 11g's integration into My Oracle Support, from a single console the system administrator can now enable a personalized support experience along with managing their IT environments. This integration provides full

access to the features of My Oracle Support, including simplification of service request submission, configuration information view, Knowledge Management articles, Patch Advice, along with the rich suite of System Management features

provided by Oracle Enterprise Manager 11g. This integration simplifies and expedites the resolution process by allowing the customer to go from identification of a problem to resolution such as downloading, validating and applying a patch, all

from a single console and workflow. Users also benefit from the social community capabilities allowing customers to validate results with other customers and understand how many other customers have downloaded a specific patch.

E: Patch recommendations

In this page only the recommended security Patches are displayed. As you can see the are related to a specific database in your Environment.

Note:

* Through integration with My Oracle Support, Oracle Enterprise Manager enables the customer to personalize and simplify their Support experience. This integration provides a unique community experience allowing administrators to share

experiences with their peers at other companies and receive proactive fixes for unforeseen IT issues, expedite problem resolution and automate patching workflows expediting maintenance operations such as patching of applications across

their IT environment. This integration of Systems Management and personalized Support provides our customers a key differentiator and advantage over their competitors, and can only be delivered by Oracle.

QUESTION 3

What three capabilities does Oracle Enterprise manager Application Management Pack for Fusion Provide?

- A. Oracle Fusion Application Lifecycle Automation
- B. Oracle Fusion Application Discovery and Monitoring
- C. Oracle Fusion Application Dynamic SQL Tuning
- D. Oracle Fusion Application Clustering
- E. Oracle Fusion Application Performance Diagnostics
- F. Oracle Fusion Application Network Tuning

Correct Answer: ABE

A: Lifecycle Automation Enhancements

Application Management Suite for Oracle E-Business Suite provides a centralized view to monitor and orchestrate changes (both functional and technical) across multiple Oracle E- Business Suite systems.

B: Automatic Discovery of E-Business Suite Systems

Grid Control has the ability to discover Oracle E-Business Suite systems automatically. This swift and easy discovery

process is quite useful when monitoring large number of Oracle EBusiness Suite instances on the Grid.

E: Built-in Diagnostic Ability: This release has numerous major enhancements that provide the necessary intelligence to determine if the product has been installed and configured correctly. There are diagnostics for Discovery, Cloning, and

User Monitoring that will validate if the appropriate patches, privileges, setups, and profile options have been configured.

Reference: Oracle Enterprise Manager 11g Application Management Suite for Oracle E-Business Suite Now Available

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

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 6

Which three metrics are monitored by Oracle Enterprise Manager Business Transaction Management?

- A. Availability
- B. Memory usage
- C. Throughput
- D. Faults
- E. SQL executes

Correct Answer: ACD

The User Experience Monitoring products capture very rich RAFT (Response, Availability, Fault, Throughput).

Reference: Enterprise Manager 12c Cloud Control Application Performance Management

QUESTION 7

What four targets from an Oracle Exalogic Cloud System can be managed by Oracle Enterprise Manager?

- A. Application deployments
- B. Oracle WebLogic domains
- C. Oracle Coherence domains
- D. Oracle Database firewall
- E. Hosts
- F. Oracle WebCenter

Correct Answer: ABCE

/ (A) Use the Application Deployments page in the Exalogic Elastic Cloud target area to view details about the applications hosted on the hosts running on the Exalogic Elastic Cloud target. / The following targets can comprise the Oracle Exalogic Elastic Cloud:

*

Infiniband Network - An Infiniband Network has IB Switches as members. This is a one to many association.

*

SOA Infrastructure

*

(B) WebLogic Domains *(C) Coherence Clusters

*

OTD

*

Hardware Targets (such as PDU, CISCO Switch, ZFS, and ILOMs)

*

(E) Hosts Reference: Oracle Enterprise Manager Cloud Control Getting Started with Oracle Fusion Middleware Management, Monitoring Oracle Exalogic Elastic Cloud

QUESTION 8

Which statement is true about Oracle Enterprise Manager Cloud and Virtualization management?

- A. It can perform live migration of the Hypervisor.
- B. It can perform live migration of ANSI-compliant Virtual Machines.
- C. It can perform live migration of Oracle VMs.
- D. It can perform live migration of storage pools.

Correct Answer: C

Live Migration

To take advantage of Enterprise Manager Ops Center's live migration capability, the server pool must be configured with the following:

*

Oracle VM for SPARC 2.1 or higher (2.2 is recommended)

*

The SPARC T4 server has a minimum firmware level of 8.1.1 (8.2.0f or higher is recommended)

*

All networks and storage libraries are physically presented to all servers in the server pool as well as being defined in Enterprise Manager Ops Center

*

All CDOMs have network connectivity to all other CDOMs in the server pool.

*

The agent on the CDOMs is must be online.

Reference: Best Practices for Building a Virtualized SPARC Computing Environment

QUESTION 9

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 10

A customer is considering purchase of an Oracle Enterprise Application. Identify three Oracle Enterprise Manager Application Management Suites that can be utilized for management of Oracle application.

- A. Application management Suite for Oracle Financials
- B. Application management Suite for Oracle Siebel
- C. Application management Suite for Oracle PeopleSoft
- D. Application management Suite for Oracle JD Edwards EnterpriseOne

E. Application management Suite for Oracle Middleware

F. Application management Suite for Oracle FLEXCUBE

Correct Answer: BCD

Application Management Suites are available for the following Oracle Applications: E-Business Suite Siebel PeopleSoft JD Edwards EnterpriseOne Fusion Applications

QUESTION 11

Which three virtualization technologies can be managed by Oracle Enterprise Manager Ops Center?

A. Oracle Solaris Containers

B. Oracle Virtual Desktop Infrastructure

C. Oracle VM Server for SPARC

D. Oracle VM Server for X86

E. Oracle VM VirtualBox

Correct Answer: ACD

Oracle Enterprise Manager Ops Center 12c manages the lifecycle of Oracle Solaris Containers and Oracle VM Server for both X86 and SPARC.

A: * Oracle Enterprise Manager Ops Center

12c displays Oracle Solaris Containers and Oracle VM for SPARC and x86 virtual machines in a concise manner helping to identify the over subscription of resources.

C: Using Oracle Enterprise Manager Ops Center, you can provision Oracle VM Server for SPARC.

D: The integration of Oracle VM Server for x86 with Oracle Enterprise Manager Ops Center provides the capability to manage Oracle VM Servers and Oracle VM Manager through Oracle Enterprise Manager Ops Center UI.

Reference: Oracle Enterprise Manager Ops Center 12c, Oracle Data sheet

QUESTION 12

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 13

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.

QUESTION 14

Which two privilege delegation types are supported by Oracle Enterprise Manager?

- A. Sudo
- B. DBrun
- C. Powerbroker
- D. Privilege Manager
- E. Group Policy Manager
- F. Persona_create

Correct Answer: AC

If you do not have access to either Oracle account or root account, then you can use SUDO or PowerBroker access to switch users to perform the tasks, this is called Privilege Delegation. Privilege Delegation is a framework that allows you to use either SUDO or PowerBroker to perform an activity with the privileges of another user (locked accounts).

QUESTION 15

To prepare a collection of servers or clusters with preinstalled database software, what two accounts can be logged in to create the Database Zone?

- A. Any account having the EM_SSA_ADMINISTRATOR
- B. Any account having the EM_ALL_VIEWER role
- C. The SYSMAN account
- D. Any account having the EM_COMPLIANCE_OFFICER role
- E. The SYSOPR account

Correct Answer: AC

To create a Database Zone, you must login using any account with EM_SSA_ADMINISTRATOR role (or SYSMAN).

Incorrect:

Not D: EM_COMPLIANCE_OFFICER

Using this role you can create, modify, and delete compliance standards, compliance standard rules, and Real-time Monitoring facets.

Reference: Database as a Service using Oracle Enterprise Manager 12c Cookbook, Creating a Database Zone

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