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Oracle Enterprise Manager 12c Essentials

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QUESTION 1

The Connector Framework for Oracle Enterprise Manager resides on _____ .

- A. Oracle Management Service (OMS)
- B. Oracle Fusion Applications
- C. Grid Control Console
- D. Memory Access Module

Correct Answer: A

The Connector Framework is installed to the OMS home. The \$ORACLE_HOME in the procedure below refers to the OMS home.

Note:

To download and install the Connector Framework, do the following:

1.
Download the Connector Framework installable files from OTN by clicking Downloads, then Enterprise Manager.

2.
Stop OMS by running: \$ORACLE_HOME/opmn/bin/opmnctl stopall

3.
Start the Oracle Universal Installer (OUI) by running the following command:

For Linux or Unix:

\$ORACLE_HOME/oui/bin/runInstaller

For Windows: \$ORACLE_HOME\oui\bin\setup

4.
When prompted by OUI, locate products.xml in the installation source directory:
connectors/framework/10.2.0.2/1.0/source/Disk1/stage

5.
Follow the instructions in the OUI screens.

6.
Access the Enterprise Manager web console from one of the following URLs:

http:// server:port/em/connector/ManagementService

https://server:port/em/connector/ManagementService



Reference: Oracle Enterprise Manager Connector Framework Release Notes. Installing the Connector Framework

QUESTION 2

What method does Oracle Enterprise Manager Cloud Control use for automatic discovery?

- A. Ping
- B. Telnet
- C. NCMP
- D. ICMP
- E. Socket Connect

Correct Answer: A

Hosts are discovering Unmanaged Hosts using IP Scan. The IP Scan used ping.

Reference: Oracle Enterprise Manager Cloud Control Administrator's Guide, Discovering and Monitoring Targets

QUESTION 3

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 4

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 5

Which three components are part of the Oracle Enterprise Manager infrastructure?

- A. Oracle Management Service (OMS)
- B. Management Agent
- C. 10g Reporting Database
- D. Real User Experience Insight
- E. Repository Database
- F. Oracle Universal Installer

Correct Answer: ABE

A: The Oracle Management Service (OMS) provides the services used to coordinate the storage of management



information and the automation of management activities for all entities managed in the network. It also includes facilities for serving the web-based user interface, which is the Cloud Control console.

B: The Management Agent is the lightweight process that acts as a proxy for Enterprise Manager on the various hosts in the network where entities that Enterprise Manager manages are located. It communicates with the OMS to collect and deliver monitoring information and to coordinate management activities executed against the management entities.

E: The Management Repository is the Oracle Database that stores all important management information for the entities managed by Enterprise Manager. The Oracle Management Service (OMS) uses the Management Repository to store and retrieve key information, such as monitoring data.

Reference: Oracle Enterprise Manager Cloud Control Extensibility Programmer's Guide

QUESTION 6

What is the primary purpose of the Middleware Diagnostics Advisor (MDA) that is included in Oracle Enterprise Manager WebLogic Server management Pack Enterprise Edition/

- A. To provide configuration data reports and best practices.
- B. To provide root cause analysis and recommendations based on performance metrics and configuration data of the stack (WLS, JVM, application, database, and hosts)
- C. To correlate JVM threads with the underlying database tier to provide across-tier root cause analysis and to generate reports showing database usage related to the JVM
- D. To alert on Java memory leaks in WebLogic Server

Correct Answer: B

The Middleware Diagnostics Advisor analyzes the entire stack and provides diagnostic findings by identifying the root cause of a problem. It correlates and analyzes the input and offers advice on how to resolve the problem. Reference: Managing Middleware Targets

QUESTION 7

What Enterprise Manager functionality can you use to monitor non-Oracle components from the Oracle Enterprise Manager 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 8

Identify four capabilities of the Oracle Enterprise Manager Compliance Management feature evaluate the compliance of targets and systems.

- A. Defining, customizing, and managing compliance standards
- B. Defining, customizing, and managing compliance standard rules
- C. Providing advice on how to bring a target and system into compliance
- D. Providing advice on how to bring a target, but not a system into compliance
- E. Defining, customizing, and managing custom compliance formulas
- F. Defining, customizing, and managing compliance frameworks

Correct Answer: ABDF

Features of compliance management:

(A)

Compliance Standards

(B)

Compliance Standard Rules

(F)

Compliance Framework

C (not D): The Oracle Enterprise Manager Compliance Management solution:

*

Advises on how to change configuration to bring targets and systems into compliance with respect to best practices

*

Determines if targets and systems have valid configuration settings automatically

*

Determines if targets and systems are exposed to configuration-related vulnerabilities automatically

Note:

(A) A compliance framework maps to a set of compliance standards that perform a collection of checks following broadly accepted best practices to ensure that IT infrastructure, applications, business services and processes are organized, configured, managed, and monitored correctly. A compliance standard evaluation can provide information related to platform compatibility, known issues affecting other customers with similar configurations, security vulnerabilities, patch



recommendations, and more. Customers can run an evaluation of compliance standards in order to learn about how they can bring their systems into compliance with recommended best practices and improve the stability and security of their systems.

Reference: Oracle Enterprise Manager Cloud Control Extensibility Programmer's Guide, About the Compliance Management Solution

QUESTION 9

Which two statements are true about metrics in Oracle Enterprise manager?

- A. Metric extensions are the new way to create metrics that is introduced in Oracle Enterprise manager Cloud Control.
- B. User-defined metrics are not-supported for the targets monitored by oracle Enterprise Manager Cloud Control.
- C. User-defined metrics do not need to be migrated to metrics extensions.
- D. Migration of collected, user-defined metric historic data is not supported with oracle Enterprise manager Cloud Control.
- E. Previous user-defined metrics do not need to be displayed or deleted after they are migrated to metric extensions.

Correct Answer: AE

A, E (not B, not C, not D):

*

Metric Extensions are the next generation of User-Defined Metrics, which enable you to extend Enterprise Manager to monitor conditions specific to the enterprise's environment by creating new metrics for any target type. The migration of existing User-Defined Metrics to Metric Extensions is supported through the Enterprise Manager Command Line Interface (EM CLI).

*

Extending Monitoring Capability OS-Based User-Defined Metrics SQL-Based User-Defined Metrics

Reference: Oracle Enterprise Manager Cloud Control Introduction, Metric Extensions

QUESTION 10

What can the Oracle Enterprise Manager Ops Center firmware profile do?

- A. Filter based on system type
- B. Provide rolling upgrade capability
- C. Modify firmware settings
- D. Aggregate firmware images

Correct Answer: C



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

Reference: Oracle Enterprise Manager Ops Center, Keeping Your Firmware Up-to-Date

QUESTION 11

Identify four activities that can be performed by enabling oracle Enterprise manager repeat notifications.

- A. Subscribe to repeatedly receive email notifications about the same metric
- B. Subscribe to repeatedly receive email notifications about the same availability alert
- C. Send email notifications based on a designated repeat frequency.
- D. Limit email notifications by designating a maximum repeat notification.
- E. Get an email copy of a notification for regulatory compliance.
- F. Send email notifications based on a rotating calendar date.

Correct Answer: BCDF

Repeat notifications allow administrators to be notified repeatedly until an alert is either acknowledged or the number of Maximum Repeat Notifications has been reached (B, , D, not A). Enterprise Manager supports repeat notification for all notification methods (e-mail, OS command, PL/SQL procedure, and SNMP trap). To enable this feature for a notification method, select the Send Repeat Notifications option. In addition to setting the maximum number of repeat notifications, you can also set the time interval at which the notifications are sent (C, F).

QUESTION 12

Which statement is true when Oracle Enterprise Manager is used with virtual server pools?

- A. Can create and delete a virtual server pool
- B. Can only create a virtual server pool
- C. Can only delete a virtual server pool
- D. Cannot create or delete a virtual server pool. That is performed from the command line.

Correct Answer: A

Oracle Enterprise Manager effectively keeps your Oracle VM available and running efficiently. Specifically, it provides a graphical user interface for managing Oracle VM Server, guest virtual machines, and server pools. As with Oracle VM monitoring, administration of Oracle VM begins with the Virtualization Central page. You can perform administration tasks such as the following: Create, remove, and manage virtual server pools Register, deregister, edit, reboot, and stop virtual server Start, stop, suspend, resume, pause, un-pause, and edit guest virtual machines Note:

* A Server Pool is a logical grouping of one or more virtual servers that share common storage. A virtual server can belong to only one virtual server pool at a time. Guest virtual machines and resources are also associated with server pools. Oracle VM Server Pool is an aggregate target type in Enterprise Manager to represent the server pool of Oracle VM Servers.



Reference: Oracle Enterprise Manager Concepts, Virtualization Management, Administering Oracle VM

QUESTION 13

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 14

Which two Oracle Enterprise Manager functionalities can reuse the application-Specific user session recordings from Oracle Enterprise Manager Real user Experience Insight (RUEI)?

- A. Application Testing Suite
- B. Application Replay
- C. Application Workload Generator
- D. Configuration Management
- E. Compliance Management

Correct Answer: BD

B: In order to capture Web application workloads, Application Replay uses Oracle Real User Experience Insight (RUEI).

D: You can install the Configuration Change Console (included in the Configuration Management Pack) if you want real-time configuration change monitoring. Real-time configuration monitoring means continuous detection, validation, and alerting of any configuration change that could be authorized or unauthorized.

QUESTION 15

When you create reports using Information Publisher, which three statements are true?

- A. You always start from the beginning when you create custom reports.
- B. Both default categories and subcategories can be used for out of the-box reports.
- C. Time-period and/or target parameters can be used for viewing reports.



D. Using reporting elements, you can add a variety of information to your report.

E. No additional customization is provided after the reporting elements are assembled.

Correct Answer: BCD

C: By declaring report parameters, you allow the user to control what data is shown in the report. There are two types of parameters: target and time-period.

D: Reporting elements are pre-defined content building blocks, that allow you to add a variety of information to your report. Some examples of reporting elements are charts, tables, and images.

Incorrect:

Not A: To create custom reports:

Choose whether to modify an existing report definition or start from scratch. If an existing report definition closely matches your needs, it is easy to customize it by using the Create Like function.

Not E: Custom Reports

Although the predefined report definitions that come with Information Publisher cover the most common reporting needs, you may want to create specialized reports. If a predefined report comes close to meeting your information

requirements, but not quite, you can use Information Publisher's Create Like function to create a new report definition based on one of the existing reports definitions.

Reference: Oracle Enterprise Manager Cloud Control Administrator's Guide, sing Information Publisher

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