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**Vendor:**Oracle

**Exam Code:**1Z0-457

**Exam Name:**Oracle Enterprise Manager 12c  
Essentials

**Version:**Demo

### QUESTION 1

You have experienced a service failure and want to evaluate the availability status of the subservices and key components to determine why the service failed. What technique will allow you to do this?

- A. Root cause analysis
- B. Analysis of the .log file
- C. Analysis of the soapct1.log file
- D. Analysis of emct1.log

Correct Answer: A

Root Cause Analysis: Diagnostic tool to help determine the possible cause of service failure. Reference: Oracle Enterprise Manager Concepts

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### QUESTION 2

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

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### QUESTION 3

When you set up Oracle Enterprise Manager Real Enterprise manager Real user Experience Insight (RUEI), what is needed to establish monitoring of SSL-encrypted HTTP traffic?

- A. Monitoring of SSL traffic is not supported by RUEI.
- B. Installation of an SSL decryption card is required in the RUEI server.
- C. A copy of the SSL key and certificate needs to be uploaded to RUEI.
- D. RUEI should negotiate a private SSL key/certificate pair with each web server.

Correct Answer: C

#### Adding/Uploading HTTP SSL Keys

Uploading SSL keys to the system is extremely important if most of your HTTP traffic is based on SSL sessions. Without the SSL keys being available to the system, the Collector will not be able to decrypt the SSL session traffic. In these circumstances, further configuration of cookies, user identification, and application pages would make little sense. Ensure that you upload and activate your HTTPS SSL keys as early on as possible in the configuration process. The management of SSL keys is fully described in the Oracle Real User Experience Insight User Guide.

Reference: Oracle Real User Experience Insight Installation Guide, Configuring RUEI

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#### QUESTION 4

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 5

What three items can Service Availability be based on With Oracle Enterprise Manager?

- A. TCP/IP ping
- B. Service Test
- C. Synthetic transaction
- D. Components of system
- E. Database latency

Correct Answer: BCD

B, D: Setting up the availability definition for the service. This can be service test-based or system-based. If you select service test, the service's availability is based on the execution of the service test by the one or more key beacons. If availability is based on system, availability is based on the status of one or more key components of the system.

C: The synthetic transactions provide a direct means of measuring the real end user experience for the various business services. This way of modelling the business services through the execution of synthetic transition provides a consumer perspective of the service availability and performance.

Reference: Oracle Enterprise Manager Cloud Control Administrator's Guide

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### 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 rrot 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

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## QUESTION 7

Which statement is true about Oracle Enterprise Cloud Control and the My Oracle Support (MOS) portal?

A. Oracle Enterprise Manager Cloud Control integrates directly with the My Oracle Support portal via the MOS dashboard and the WebLogic Server support workbench feature.

B. Oracle Enterprise Manager Cloud Control requires the WebLogic Server workbench to integrate with the My Oracle Support Portal.

C. Oracle Enterprise manager Cloud Control requires the Oracle Support workbench to integrate with the My Oracle Support portal.

D. Oracle Enterprise manager Cloud Control requires Oracle Support workbench to integrate with the My Oracle support portal.

Correct Answer: A

Management Plug-ins Installed by Default include My Oracle Support. Note:

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The core Enterprise Manager Cloud Control features for managing and monitoring Oracle technologies, such as Oracle Database, Oracle Fusion Middleware, and Oracle Fusion Applications, are now provided through components known as

plug-ins that can be downloaded and deployed using the new Self Update feature.

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My Oracle Support

Enables you to log in to My Oracle Support from within the Cloud Control console, search the knowledge library for notes and documents, raise service requests, and create patch plans and templates for patching monitored targets.

Reference: Overview of Oracle Enterprise Manager Cloud Control 12c

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## QUESTION 8

The alerts retrieved by Oracle Enterprise Manager Connectors are \_\_\_\_\_.

A. Stored in a third party database

- B. Cached in the middleware
- C. Stored in flat files
- D. Stored in the Oracle Enterprise Manager repository
- E. Not stored but forwarded by SNMP traps

Correct Answer: D

The Microsoft Operations Manager Connector enables Oracle Enterprise Manager to send alerts to and retrieve alerts from Microsoft Operations Manager (MOM). The retrieved alerts are stored in the Enterprise Manager repository and displayed through the Enterprise Manager console. Reference: Installing and Configuring the Microsoft Operations Manager Connector

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### QUESTION 9

Which three statements are true for Oracle Enterprise Manager snapshots and baselines?

- A. Oracle Enterprise Manager is the interface managing baseline and baseline templates.
- B. Oracle Enterprise Manager is the interface managing snapshots and snapshot templates.
- C. Oracle Enterprise Manager can view but no edit the threshold settings for baseline metrics.
- D. Oracle Enterprise Manager, by default, deletes baselines on a rolling seven-day interval.
- E. You can specify and preserve a pair or a range of snapshot as a baseline with Oracle Enterprise Manager.
- F. You can specify and preserve a pair or a range of baseline as a snapshot with Oracle Enterprise Manager.

Correct Answer: ACE

A: You can also create baselines for a contiguous time period in the future using baseline templates. There are two types of baseline templates: single and repeating.

E: (not F): A baseline is a pair of snapshots that represents a specific period of usage (not F). Once baselines are defined they can be used to compare current performance against similar periods in the past.

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### QUESTION 10

Identify three for Oracle Enterprise manager that have Configuration Change Control functionality?

- A. Application management Pack
- B. Database Lifecycle Management Pack
- C. WebLogic Management Pack
- D. Real User Experience Insight Pack
- E. Data Masking Pack

Correct Answer: ABC

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#### 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).

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#### QUESTION 12

When you size the Oracle Enterprise manager management Service (OMS), what are the three key criteria that you need to keep in mind?

- A. Amount of jobs to dispatch
- B. Volume of notifications to send out
- C. Number of agents (including state and metric data) uploading information
- D. Volume of deployment procedures
- E. Amount of history kept in the repository

Correct Answer: BCE

Oracle Management Service is a Web-based application that orchestrates with the Management Agents and the Management Plug-ins to discover targets, monitor and manage those targets, and store the collected information in a repository for future reference and analysis. Oracle Management Service also renders the user interface for Enterprise Manager Cloud Control. Oracle Management Services is deployed to the Oracle middleware home (middleware home), which is the parent directory that contains the Oracle WebLogic Server home, the Oracle Management Service home, the Management Agent home, the plug-in home, the Java Development Kit (JDK), the Oracle Management Service instance base directory, the Oracle Web tier directory, the Oracle common directory, and other relevant configuration files and directories. While deploying the Oracle Management Service, the Enterprise Manager Cloud Control Installation Wizard installs Oracle WebLogic Server if it does not already exist in your environment. As a result, an Oracle WebLogic Server administration console is also installed.

Reference: Oracle Enterprise Manager Cloud Control Introduction