



1Z0-457^{Q&As}

Oracle Enterprise Manager 12c Essentials

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QUESTION 1

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 2

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 3

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 4

What feature of the Diagnostic Pack for Oracle Database collects statistics on all active sessions and stores it in memory?

- A. Active Session History (ASH)
- B. Automatic Database Diagnostic Monitor (ADDM)
- C. Automatic Workload Repository (AWR)
- D. Automatic Storage Management (ASM)

Correct Answer: A

Oracle introduced Active Session History (ASH) in Oracle Database 10g. ASH automatically collects session related wait information via the Oracle database kernel (thus reducing the impacts of the collection of this information). The information is first captured into a memory buffer that is of a fixed size and is allocated from the SGA fixed area when the database is started.

QUESTION 5

How is Service Availability defined in Oracle Enterprise Manager?

- A. Based on System and Service Test
- B. Based on Service Status
- C. Based on Service and System Status
- D. Based on System Test and Service Status

Correct Answer: A

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.

Reference: Oracle Enterprise Manager Cloud Control Administrator's Guide

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