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Oracle Enterprise Manager 12c Essentials

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QUESTION 1

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

QUESTION 2

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

QUESTION 3

What four Cloud Configuration Management challenges can Oracle Enterprise manager help you to monitor, track, and manage?

- A. Virtual server sprawl
- B. Dynamic topology changes
- C. Rogue multi-tenant memory attachment
- D. Keeping within compliance, rules, and standards
- E. Drift from predefined service templates
- F. Monitoring of SQLNET in Public Clouds

Correct Answer: ABDE

A:

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Configuration Management tailored for challenges in Cloud environment Challenge: Virtual server sprawl Feature: Inventory tracking, ongoing discovery

*

Drive asset utilization up by up to 70%. Eliminate Virtual Machine (VM) sprawl. Cut configuration management effort by 90%. Reduce provisioning effort by 75%.

Oracle Enterprise Manager provides an integrated and cost-effective solution for complete physical and virtual server lifecycle management.

B: Configuration Management tailored for challenges in Cloud environment Challenge: Dynamic topology changes (owing to elasticity) Feature: Topology mapping, dependency tracking

D: Oracle Enterprise Manager Compliance Management solution provides out-of-the-box compliance frameworks (for example, PCI and CIS) and compliance standards to map to Compliance Standard rules. This mapping enables you to visualize how noncompliant settings and actions will affect any compliance framework that an organization follows.

E:

*

Configuration Management tailored for challenges in Cloud environment Challenge: Drifts from pre- defined Service Feature: Configuration Baseline, Drift Tracking Topology mapping, dependency Configuration Baselines, ventry tracking, Drift

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Oracle Enterprise Manager Configuration Management eliminates manual and time-consuming task related to Discovery, Deployment of Management agents, Inventory Tracking, Configuration Drift, Detailed Configuration Search and Compliance Management for reporting and management of industry and regulatory compliance standards.

QUESTION 4

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:

*

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.

*

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

QUESTION 5

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 6

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

QUESTION 7

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

QUESTION 8

Which one would you import from an LDAP directory to use in Oracle Enterprise manager Cloud Control Chargebacks?

- A. Server names
- B. IP addresses
- C. Cost centers
- D. Database account names
- E. Subsidiaries

Correct Answer: E

You can import a business hierarchy from an LDAP server.

A successfully imported LDAP cost center hierarchy generates a scheduled repeatable job to run at the beginning of each report cycle (typically the first of the month) to sync the hierarchy with its counterpart on the LDAP server.

QUESTION 9

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 10

Which statement is true when you perform out-of-place patching with Oracle Enterprise Manager?

- A. It is the recommended approach when your Oracle Home does not follow Oracle Flexible Architecture.

- B. It is the recommended approach when downtime is not a time constraint.
- C. All database are patched simultaneously.
- D. You are not able to retrieve the path recommendations because you are not connected to the network.
- E. Your original Oracle Home is available for recovery operations.

Correct Answer: E

Using this mechanism [out-of-place patching] means that the only downtime will take place when the Databases from the previous Home are switched to run from the new Home. If there is any issue with the Database patch, you can switch back to the previous unpatched Home since it is still available. So, patch rollback is a lot faster. Note: A new mechanism for patching has been provided in Oracle Enterprise Manager Cloud Control 12c, known as Out of Place Patching. This is now the recommended method and creates a new Oracle Home, which is then patched while the previous Home is still operational. All this is done using an out-of-box Deployment Procedure in Enterprise Manager.

Reference: Ease the Chaos with Automated Patching: Oracle Enterprise Manager Cloud Control 12c

QUESTION 11

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 12

What two access control functions can be performed by using the Group feature in Oracle Enterprise Manager Cloud Control?

- A. Grant administrators access to the different groups of targets so that they can access only allowed areas.
- B. Create named credentials.
- C. Grant users the ability to add or delete a target in a specific group and to grant privileges on a group.
- D. Audit individual compliance with the security policies in the groups.pol file.
- E. Send an email notification to alert members when policy violation occurs.

Correct Answer: AE

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Enterprise Manager Groups enable administrators to logically organize distributed targets for efficient and effective management and monitoring

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By combining targets in a group, Enterprise Manager provides management features that enable you to efficiently manage these targets as one group. Using the Group functionality, you can:

/ View a summary status of the targets within the group. / Monitor incidents for the group collectively, rather than individually.

/ Monitor the overall performance of the group.

/ Perform administrative tasks, such as scheduling jobs for the entire group, or blacking out the group for maintenance periods.

Reference: Oracle Enterprise Manager Cloud Control Administrator's Guide, Managing Groups

QUESTION 13

Which statement is true about the Oracle Enterprise Manager JVM diagnostics capability?

- A. JVM diagnostics can correlate a JVM thread with a database session as well as the SQL.
- B. JVM diagnostics can correlate a JVM thread with a database session but not the SQL.
- C. JVM diagnostics can correlate a JVM thread with SQL but not the database session.
- D. You use the Oracle Enterprise manager Java Explorer, not JVM diagnostics, to correlate a JVM thread with a database session as well as the SQL.

Correct Answer: B

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JVM Diagnostics provides immediate visibility into the Java stack. You can monitor thread states and Java method/line numbers in real time and you can proactively identify issues rather than diagnosing issues like application crashes, memory leaks, and application hangs after they occur.

*

JVM Diagnostics facilitates tracing of Java requests to the associated database sessions and vice-versa enabling rapid resolution of problems that span different tiers. It highlights the slowest SQL queries and helps administrators to tune SQL and the database to improve the performance application.

QUESTION 14

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 15

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

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