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IBM Cloud Pak for Data Systems V1.x Administrator Specialty

IBM S1000-002

Version Demo

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Topic Break Down

Topic	No. of Questions
Topic 1, Planning	10
Topic 2, Installation	7
Topic 3, Administration	34
Topic 4, Troubleshooting	10
Total	61

QUESTION NO: 1

What are two types of alert rules in Cloud Pak for Data System? (Choose two.)

A. SNMP rules

B. action rules

C. email rules

D. Call Home rules

E. trap rules

ANSWER: A D

Explanation:

Cloud Pak for Data System alert management supports **SNMP rules** and **Call Home rules** as alert-rule types. SNMP rules enable the system to send notifications as SNMP traps to a configured SNMP manager, allowing administrators to integrate appliance health and event alerts with enterprise monitoring tools. The rule defines the relevant destination and notification behavior so that monitored events can be forwarded through the organization's established SNMP operations workflow.

Call Home rules are used to send selected alert information to IBM Support through the Call Home service. This enables IBM to receive diagnostic and event data for applicable system conditions, supporting proactive service and problem determination. Administrators configure these rules as part of the system's alerting and support-notification setup, helping ensure that significant events are communicated externally through the appropriate IBM support channel.

IBM documents alert administration, including the available alert-rule categories and their configuration, in the Cloud Pak for Data System documentation: Managing alerts. Additional product documentation is available from the Cloud Pak for Data System documentation homepage.

QUESTION NO: 2

Which two actions help verify that Call Home is ready to report applicable problem conditions to IBM Support? (Choose two.)

A. Configure the required Call Home connectivity settings.

B. Run `ap issues --generate_test_alert`.

C. Run `apstop -a`.

D. Change all nodes to the universal personality.

E. Dismiss every current system issue.

ANSWER: A B

Explanation:

Call Home must be configured with the required support connectivity and notification settings before it can send service information to IBM. After configuration, an administrator can run `ap issues --generate_test_alert` to create a test event and validate the Call Home path.

Stopping applications and assigning a universal node personality are unrelated to validating Call Home communication. See Call Home and IBM guidance for generating a Call Home event.

QUESTION NO: 3

An organization uses an external LDAP directory with Cloud Pak for Data System. Which two user populations can be managed through the LDAP integration? (Choose two.)

A. platform users

B. application users

C. OS users

D. DB users

E. disk encryption users

ANSWER: A B

Explanation:

External LDAP integration enables centralized identity management for platform users and application users. The external directory provides the user and group identity source, while Cloud Pak for Data System uses the configured identities and groups for authentication and authorization.

LDAP integration does not create or manage appliance operating-system users or database users as LDAP-managed Cloud Pak for Data System user populations. See Configuring LDAP authentication.

QUESTION NO: 4

After setting up the Call Home configuration, which command is used to generate a test alert?

A. ap event --test_callHome_connect

B. ap issues --generate_test_alert

C. ap callHome --verify

D. ap hw --genreate_test_alert

ANSWER: B

Explanation:

The `ap issues --generate_test_alert` command is used to generate a test Call Home alert after Call Home has been configured. Running this command creates a test event through the appliance issue-management service, allowing the administrator to validate the configured Call Home path without waiting for an actual hardware or software condition to trigger a support event. This is an important operational verification step because it confirms that the appliance can create the alert and send the associated diagnostic information to IBM through the configured Call Home integration.

A successful test provides practical confirmation that the configuration is usable for proactive support workflows. Administrators can use it after initial setup, after changing connectivity or proxy settings, or when validating the appliance following maintenance. IBM documentation for IBM Cloud Pak for Data System identifies `ap issues --generate_test_alert` as the procedure for generating a Call Home event. For the documented command and usage context, see Generating a Call Home event and the IBM Cloud Pak for Data System documentation.

QUESTION NO: 5

An administrator needs to run a general diagnostic collection before opening an IBM Support case for a system-wide issue. Which utility should be used?

A. apdiag

B. ap issues

C. apusermgmt

D. aposYmlCheck.py

ANSWER: A

Explanation:

The `apdiag` utility collects diagnostic information for Cloud Pak for Data System components. It is used to gather logs, configuration information, and system data that can assist with investigation of appliance-wide conditions.

Using the appliance diagnostic utility provides a consistent collection for IBM Support rather than requiring manual collection from individual services. See the IBM Cloud Pak for Data System documentation.

QUESTION NO: 6

What is the result of running the ap sw command?

A. It displays the current issues caused by the software.

B. It displays the software inventory with status of each component.

C. It displays information about IBM Netezza Performance Server software only.

D. It displays information about malfunctioning software only.

ANSWER: B

Explanation:

The command `ap sw` displays the software inventory for the IBM Cloud Pak for Data System and reports the status of each listed software component. This provides an administrator with a consolidated operational view of the software installed on the appliance, rather than limiting the output to one product or to components that have a problem. The inventory and status information is useful during routine administration, upgrade planning, and support triage because it helps establish which components are present and whether they are in their expected state. IBM documents `ap sw` as part of the system command-line interface, which contains appliance-management commands for viewing system and software information. Administrators should run these commands from the appropriate system administration environment and interpret the component status in the context of the system's current maintenance or deployment activity. For the command description and supported system command-line operations, see the IBM Cloud Pak for Data System documentation: System command-line interface. IBM's product documentation landing page is also available at IBM Cloud Pak for Data System documentation.