

Vendor: IBM

Exam Code: P2180-023

Exam Name: IBM PureApplication System Technical
Sales Mastery Test v1

Version: Demo

QUESTION NO: 1

What are available administration interfaces to IBM PureApplication System? (Choose three.)

- A. Web Console
- B. Command line tool
- C. Representational state transfer (REST) APIs
- D. Eclipse based plug-in

Answer: A,B,C

QUESTION NO: 2

The IBM CE is only person allowed to perform certain system level operations on IBM PureApplication System. Name some of those operations. (Choose two.)

- A. The IBM CE uses a special user id named "ibmce" which is hidden from the user console
- B. The IBM CE needs to request a special password tied to the system from IBM Support
- C. The Client Hardware Administrator will need to enable login for the IBM CE
- D. The IBM CE has full administrative permissions to the system

Answer: B,C

QUESTION NO: 3

When creating a script package archive which file is used to define all the configuration parameters that can be specified as part of the deployment process?

- A. cbscript.json
- B. config.sh
- C. virtualimage.properties
- D. appmodel.json

Answer: A

QUESTION NO: 4

The Publish function in Rational Application Developer (RAD), when used in conjunction with IBM PureApplication System, does one of the following:

- A.** Adds the application to an existing Virtual Application pattern and completes any linkages between components
- B.** Creates a new Virtual Application pattern and populates it with the application from RAD
- C.** Adds the application to an existing Virtual Application pattern and starts a new instance of the pattern
- D.** Adds the application to an existing Virtual Application pattern

Answer: D

QUESTION NO: 5

A customer has created a virtual application that he wants to customize for two different scenarios: 1. Development - where the workload demands are known to be low and predictable 2. Production - where workload demands are erratic and in which case they want to incorporate a scaling policy to dynamically scale VMs based on workload demand How can he best leverage IBM PureApplication System to accomplish this task?

- A.** Create two different patterns, one for the development scenario and one for the production one
- B.** Create a development and a production environment profile for deployment of the virtual application
- C.** Define two distinct layers in the virtual application pattern and assign the components and policies accordingly
- D.** Create the virtual application as a reusable component that he can then augment for the production scenario

Answer: C

QUESTION NO: 6

Figure 1 illustrates a typical ordering of parts startup within the Virtual Systems pattern editor. What can you deduce from it? (Choose three.)



Figure 1

- A. There are two default constraints that cannot be modified or deleted
- B. The IBM HTTP server and the custom nodes can start in any order
- C. The Deployment Manager and DB2 parts are involved in a default constraint
- D. The DB2 part has to start first

Answer: A,B,D

QUESTION NO: 7

Add-ons are specialized scripts that customize virtual machine configurations providing fine tuning for hardware and operating system configurations. Although add-ons have been implemented modeling script packages, there are subtle differences between them. Which of the following is NOT true?

- A. You can not specify the order of execution of add-ons in the pattern editor
- B. Add-ons always run at system creation time, never user-initiated or at deletion time
- C. Add-ons always run before any user supplied script packages
- D. Add-ons are pre-defined in IBM PureApplication System. You cannot supply your own

Answer: D

QUESTION NO: 8

An administrator on IBM PureApplication System wants to delegate his current role for catalog content, virtual instances, and pattern types to another user. Which of the following settings would the administrator grant?

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- A. Cloud administration
 - B. Workload resource administration
 - C. Hardware administration
 - D. Security administration

Answer: B

QUESTION NO: 9

The IBM Tivoli Monitoring Agent for IBM PureApplication System provides information about deployments when which the following is true?

- A. The agent is running internal to the system
- B. The agent is running external to the system
- C. The agent is running either internal or external to the system
- D. The agent does not provide deployment information

Answer: B

QUESTION NO: 10

What hardware component is NOT included with IBM PureApplication System?

- A. Power Distribution Units (PDUs)
- B. Top of Rack Switches
- C. Uninterruptable Power Supplies (UPS)
- D. Storage Controllers

Answer: C

QUESTION NO: 11

IBM PureApplication System provides built-in support for generating reports on resource usage on the system. Two types of reports are available, namely machine activity reports and user activity reports. Which of the following machine activity reports are available? (Choose two.)

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- A. IP Usage by IP Group
 - B. IP Usage by Cloud Group
 - C. Storage Allocation by IP Group
 - D. Storage Allocation by Cloud Group

Answer: A,D

QUESTION NO: 12

When setting up the IBM Tivoli Monitoring Agent for IBM PureApplication System (IPAS) Service externally, what firewall port must be opened to allow communication between the agent and IPAS?

- A. 161
- B. 443
- C. 1918
- D. 15211

Answer: B

QUESTION NO: 13

Virtual link aggregation (VLAG) is a switch feature that enables combining multiple physical switch ports into a single logical switch port. What are some of the benefits of this feature? (Choose two.)

- A. Virtual packet tunneling
- B. Even load distribution
- C. Higher bandwidth
- D. Better redundancy

Answer: C,D

QUESTION NO: 14

To support the development, administration and monitoring of your databases IBM PureApplication System includes several database tools. Which of the following tools are

included? (Choose three.)

- A. Data Studio full client
- B. Data Studio web console
- C. InfoSphere Warehouse SQL Warehousing Tools
- D. InfoSphere Data Replication

Answer: A,B,C

QUESTION NO: 15

A solution designer is asked to use a preconfigured web application pattern template to create a secure virtual application pattern with a database backend. Which of the following artifacts would he mostly likely need as part of the process? (Choose two.)

- A. Enterprise application EAR file
- B. Script package to deploy the application, configure the data source, and enable application security
- C. Database DDL file
- D. LDAP CONF file

Answer: A,C

QUESTION NO: 16

One of the advantages of virtual applications over virtual systems is that they support fully integrated software stacks giving the user complete control over the configuration of the middleware components. Is this statement True or False?

- A. True
- B. False

Answer: B

QUESTION NO: 17

IBM PureApplication System provides a number of options to apply maintenance updates to your virtual systems. How can you achieve this?

- A. Download the updated virtual image from IBM and update your virtual system pattern to use the new image
- B. Extend your virtual image, apply the maintenance updates, capture the image back and use that image with your virtual system pattern
- C. Log in to your running virtual machine instance and manually apply the maintenance update
- D. All of the above

Answer: D

QUESTION NO: 18

An ISV is evaluating the migration of their Tomcat application with DB2 database connectivity to IBM PureApplication System. This same application has to be provisioned as a cloud offering to a number of their high profile customers. What would their most logical migration approach to this problem?

- A. Use IBM Image Construction and Composition Tool to create a custom image with the Tomcat and DB2 software bundles and deploy the application to it
- B. Use the Virtual Application Builder to create a pattern based on the Web Application Pattern type and import the Tomcat and DB2 artifacts into the pattern editor
- C. Use the Plugin Development Kit to create a tomcat and a tomcatdb2 plugin as part of the existing Web Application Pattern type
- D. IBM PureApplication System does not currently support this migration requirement

Answer: C

QUESTION NO: 19

There are two ways to create an application pattern between Rational Application Developer (RAD) and IBM PureApplication System (IPAS). You can create a new skeletal application pattern in RAD based upon a selection of Java enterprise, Web, or OSGi application projects in your workspace and publish it to IPAS. Alternatively, you can create an application pattern in IPAS and import it into your RAD workspace. Are the two alternatives correct?

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- A. Yes
 - B. No

Answer: A

QUESTION NO: 20

When creating a custom database workload standard, which directory and corresponding entry script is mandatory within the zip archive?

- A. init and init.sh
- B. create_db and create_db.sh
- C. tune_db and tune_db.sh
- D. tune_inst and tune_inst.sh

Answer: B

QUESTION NO: 21

Which of the following virtual application patterns are currently supported on IBM PureApplication System? (Choose three.)

- A. IBM Web Application Pattern
- B. IBM Tivoli Monitoring System Pattern
- C. IBM Java Pattern
- D. IBM Messaging Component Pattern
- E. IBM Data Mart Pattern

Answer: A,C,E

QUESTION NO: 22

Name one advantage that IBM Image Construction and Composition Tool (ICCT) has over the traditional virtual image Extend / Capture functionality in IBM PureApplication System.

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- A. ICCT allows you to reuse a single virtual image for a number of different deployment scenarios
 - B. ICCT allows you to create virtual images based on any operating system
 - C. ICCT allows you to define input parameters in configuration scripts which can be exposed at deployment time
 - D. ICCT only stores metadata for your virtual images and software bundles making the image synchronization and capture process a lot faster

Answer: C

QUESTION NO: 23

A database pattern designer is attempting to create a pattern based on the IBM Database Patterns 1.1.0.1 type. However, she notices there are no workload standards for her to select from. What could be the cause?

- A. The IBM Database Patterns 1.1.0.1 has not been enabled
- B. The IBM Transactional Database Pattern 1.1.0.1 has not been enabled
- C. None of the system plug-ins for the workload patterns has been configured
- D. She does not have the required user permissions to create new patterns

Answer: C

QUESTION NO: 24

Which of the following statements regarding license management on IBM PureApplication System is false?

- A. PVU-based licensing is based on the number of physical and virtual processors allocated to a deployed virtual machine
- B. Server-based licensing restricts the number of virtual processors and memory that a virtual machine can use
- C. Once you deploy a pattern based on an extended virtual image you can no longer edit the product IDs of the included products
- D. Reserved licenses count against your entitlement license pool for audit purposes

Answer: D

QUESTION NO: 25

Which of the following is NOT true when comparing the two IBM PureSystems offering - IBM ApplicationSystem (IPAS) and IBM PureFlex System (IPFS)?

- A.** IPAS is an infrastructure centric system while IPFS is platform oriented
- B.** The focus of IPAS is on patterns of expertise built around workload awareness, flexibility, easy deployment, and manageability
- C.** The focus of IPFS is on sensing and anticipating resource needs to optimize your infrastructure
- D.** Both systems are built with integrated elasticity and capabilities to provision new services in minutes and improve business flexibility while reducing cost

Answer: A

QUESTION NO: 26

XYZ Corp is a large SI that offers a packaged financial services solution built on top of IBM WebSphere Application Server (WAS). They must support several versions and levels of this package and be able to concurrently test fixes and changes to any of these combinations at any time. What would be the best deployment recommendation for this business partner?

- A.** A Java application pattern with integration points to multiple backends supporting various versions and levels of WAS
- B.** Multiple web application workload patterns supporting various versions and levels of WAS
- C.** A WebSphere cluster pattern with multiple nodes at various versions and levels of WAS
- D.** A shared service pattern with plugins supporting various versions and levels of WAS

Answer: C

QUESTION NO: 27

A customer wants to facilitate the failover of virtual images within a cloud group. What minimal action must he/she take in order to make this happen?

- A.** Define a storage volume with the same storage capacity of the virtual image and attach that volume to it
- B.** Set the cloud group type to Consolidate
- C.** Define at least two compute nodes in the cloud group