



000-289

IBM WebSphere DataPower SOA Appliances, Firmware V3.6.1

Exam number/code: 000-289

Exam name: IBM WebSphere DataPower SOA Appliances, Firmware V3.6.1

Questions & Answers: 75 Q&A

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Question 1:

A consultant is engaged with an existing customer for a project that requires the deployment of 4 new XS40s to an existing pool of 5 XI50s. The customer is using basic security functionality, so the sales team offered the XS40s to close the deal. In order to keep all the devices in sync with the implementation, the customer provides a domain configuration export from one of the existing XI50s. After importing the domain to one of the new XS40s, the error log shows the information in the exhibit.

Exhibit: image002.jpg
Why did this happen?

- A. Configurations from XI50s are never portable to the XS40s.
- B. The configuration provided for the XS40 is using exclusive XI50 features.
- C. A Queue Manager object must be configured in the Default Domain.
- D. The error report was a legacy from the original device and can be ignored.

Answer: B

Question 2:

A company has provided access to a web-services/SOA application to both internal and external clients. Requests that come from internal endpoints are sent in Plain Text over HTTP. Request documents from third party endpoints outside the DMZ must first be entirely Encrypted, by the third party, according to the WS-Security Specification. A single WS-Proxy service has been created using the WSDL document describing this application. What must this company do to accommodate both the Plain Text and Encrypted requests?

- A. Create a Crypto Certificate Object using the third party client's X.509 Public Certificate
- B. Provide the company's X.509 Private Key to the third party client for use in Encryption, add a Decrypt Action to the Default Request Rule for the WS-Proxy and create a Crypto Key Object using the companies' X.509 Public Certificate
- C. Provide the company's X.509 Public Certificate to the third party client for use in Encryption, and create a Crypto Key Object using the companies' X.509 Private Key
- D. Provide the company's X.509 Public Certificate to the third party client for use in Encryption, add a Decrypt Action to the Default Request Rule for the WS-Proxy and create a Crypto Key Object using the companies' X.509 Private Key
- E. Add a Decrypt Action to the Default Request Rule, no Crypto Key or Certificate Object is required

Answer: C

Question 3:

A company is attempting to consolidate the XML processing requirements of multiple applications. One issue is that the URLs being used to fetch the XML documents for transformation contain an old application and servlet identifier. These must be replaced with a new consolidated application value of bc Which technique will change a URL such as http://uri1/uri2/uri3, to http://uri1/abc ?

- A. A URL-Rewrite Rule with a typeofontent-type
- B. A URL-Rewrite Action with a typeofost-body
- C. A URL-Rewrite Rule with a typeofbsolute-rewrite
- D. A URL-Rewrite Action with a typeofeader-rewrite

Answer: C

Question 4:

How are WebGUI users authenticated and authorized when using RBM (Role Based Management)?

- A. The user identity is extracted from the login request. The identity is authenticated with a local or remote source. Once authenticated, the identity is mapped to an Access Profile.
- B. The associated AAA policy is used to extract the user identity and authenticate the user. Once authenticated, the identity is mapped to an Access Profile.
- C. The user identity is extracted from the login request. The identity is authenticated with a source only local to the appliance. Once authenticated, the identity is mapped to an Access Profile.
- D. The user identity is extracted from the login request. The associated AAA policy is used to authenticate and select the appropriate access policies.

Answer: A

Question 5:

Which statement is NOT true about the Multi-Protocol Gateway service?

- A. The Multi-Protocol Gateway supports both synchronous and asynchronous protocols when its Type is set to loopback Proxy
- B. The Multi-Protocol Gateway can process both DIME and MIME SOAP Attachments.
- C. The Multi-Protocol Gateway supports "Synchronous to WS-Addressing" bridging in both directions ("Synchronous to WS-Addressing" and "WS-Addressing to Synchronous").
- D. The SLM Action can be used in a Multi-Protocol Gateway Policy.

Answer: A

Question 6:

A company has developed a multi device support system for wireless applications which interacts with an XML repository. Some devices will require HTML responses, some WML, and others raw XML. They are using a JAXP Java application for transform using XSLT, but are not satisfied with performance. Documents will be fetched via HTTP GET requests, and no security processing is required. Which service should be used to optimize this XSLT Transformation?

- A. Multi Protocol Gateway
- B. Web Application Firewall
- C. Multi Protocol Gateway with multiple Front Side Protocol Handlers
- D. XSL Proxy

Answer: D

Question 7:

Which security term is defined as "the prevention of deniability of the occurrence of an event or action"?

- A. Integrity
- B. Authorization
- C. Isolation

D. Non-repudiation

Answer: D

Question 8:

An Error rule named "Error_rule" is coded as the first rule in the Configured Rules section of the Policy Editor as shown in the exhibit. Another rule, "Rule_1", in that section contains an on-error action "Error_1", followed by a processing action "Action_1", then another on-error action "Error_2". When the error occurs during action "Action_1" in Rule_1, what happens and why?

- A. "Error_2" action gets control, since it is an on-error action that immediately follows the processing action that failed.
- B. "Error_rule" gets control since Error rules supersede any on-error actions.
- C. "Error_1" action gets control since it is an on-error action that is already set for the rule.
- D. "Error_rule" gets control since it preceded the failing rule in the Configured Rule section.

Answer: C

Question 9:

When a Multi-Protocol Gateway service is bridging a message to any asynchronous Backside protocol (such as WebSphere MQ, WebSphere JMS, or Tibco EMS), which Multi-Protocol Gateway property that applies to all transactions can determine how long the Multi-Protocol Gateway will wait for a response message from the Backside Protocol before the Multi-Protocol Gateway gives up and fails the transaction?

- A. The "Back Persistent Timeout" parameter of the Multi-Protocol Gateway
- B. The "Back Side Timeout" parameter of the Multi-Protocol Gateway
- C. The "Timeout" value associated with the Multi-Protocol Gateway's XML Manager User Agent settings
- D. The '?QueryTimeout=' query parameter on a dynamic Backend URL

Answer: B

Question 10:

Refer to the Exhibits. A company requires that access to its SOA Application requires Authentication and Authorization using the Client SSL Certificate Distinguished Name. They have constructed a WS-Proxy using the WSDL provided, and added an AAA Policy which uses subject DN of the SSL Certificate from the Connection Peer in the Identity Extraction phase. An AAA Info File is used in the Authentication phase. An SSL Front End Protocol Handler was created for SSL access, see the exhibit for the SSL Proxy Profile and Crypto Profile used, and the client is specifying their SSL Private Key and Public Certificate on the request submission.

Exhibit: image004.jpg

Initial tests fail with the following message: wsgw (demographicWSP): Policy(validateClientSSLCertDN): xmlfile authentication failed with (client-ssl, serial='*Cannot decode certificate*')

What is causing this problem?

- A. An AAA Info file cannot be used for SSL subject DN Authentication and Authorization.
- B. SSL Proxy Profile should be set to wsgw-way
- C. Crypto Profile does not specify a validation Credential Object.
- D. Crypto Profile send Client CA List should be set to n

E. SSL Proxy Profile should be forward SSL Proxy Profile should be forward

Answer: C

Question 11:

Which statement is true about the TCP/IP protocol?

- A. TCP is unreliable since it does not support checksum.
- B. TCP has no capability to sequence transmitted packets.
- C. TCP is usually faster than UDP and is required for any multicasting transmission.
- D. TCP sends back an ACK packet if the transfer was successful.

Answer: D

Question 12:

Which component of the WebSphere MQ framework is used to transport messages between remote systems?

- A. MQ Channel
- B. MQ Local Queue
- C. MQ Manager
- D. MQ Remote Queue

Answer: A

Question 13:

Which DataPower object is required to be configured and active to perform a PUT on a queue using the backend of a Multi Protocol Gateway service on an XI50 using the `dpmq://` url syntax?

- A. DataPower MQ Queues
- B. DataPower MQ Gateway
- C. DataPower MQ Host
- D. DataPower MQ Queue Manager

Answer: D

Question 14:

For virus scanning message attachments, DataPower devices support integration with 3rd-party virus scanners using which protocol?

- A. IMAP (Internet Message Access Protocol)
- B. MVIP (Multi-Vendor Integration Protocol)
- C. ICAP (Internet Content Adaptation Protocol)
- D. SOAP (Simple Object Access Protocol)

Answer: C

Question 15:

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In the Configured Rules section of the Policy Editor, two request rules are listed; Rule #1, followed by Rule #2. Both use the same Match rule. When a message is received that satisfies the Match rule, what happens?

- A. Rule #2 only will execute, since all rules are examined for a match, and the last rule that matches is selected.
- B. Rule #1 will execute, followed by Rule #2, since all rules that satisfy the match are executed.
- C. Rule #1 only will be executed since it is the first rule that matches the request.
- D. This situation cannot occur, since the Policy Editor will not allow a configuration of rules that have the same match.

Answer: C

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