C9510-401^{Q&As}

IBM WebSphere Application Server Network Deployment V8.5.5 and Liberty Profile, System Administration

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QUESTION 1

A system administrator wants to learn some of the Python scripting commands for the administration of the environment.

Which product feature should the administrator use?

A. The wsadmin.properties file to load a profile.

B. The AdminTask object to generate wsadmin scripts.

C. The guided activities panel from the Integrated Solutions Console (ISC).

D. The "Log command assistance commands" option in the Integrated Solutions Console (ISC).

Correct Answer: D

QUESTION 2

A web application is hosted on an application server that receives HTTP requests from a third party application named myApp. The URIGroup mapping for this application is called default_host_myApp.

The development team asks a system administrator to configure the HTTP plug-in to prevent routing requests to any application server except server1.

The following exhibit shows the parts of the plugin-cfg.xml file that are relevant for myApp. The UriGroups for other applications are not shown in the exhibit.

```
1  ⊟      <VirtualHostGroup Name="default_host">
2               <VirtualHost Name="*:9080"/>
3               <VirtualHost Name="*:9081"/>
4               <VirtualHost Name="*:80"/>
5               <VirtualHost Name="*:9443"/>
6               <VirtualHost Name="*:9444"/>
7               <VirtualHost Name="*:443"/>
8         </VirtualHostGroup>
9  ⊟      <ServerCluster Name="myCluster">
10 ⊟          <Server CloneID="a10000001" LoadBalanceWeight="2"
                   MaxConnections="-1" Name="server1">
11              <Transport Hostname="machine1" Port="9080" Protocol="http"/>
12              <Transport Hostname="machine1" Port="9443" Protocol="https"/>
13            </Transport>
14          </Server>
15 ⊟          <Server CloneID="b20000002" LoadBalanceWeight="2"
                   MaxConnections="-1" Name="server2">
16            <Transport Hostname="machine2" Port="9081" Protocol="http"/>
17            <Transport Hostname="machine1" Port="9444" Protocol="https"/>
18          </Server>
19        </ServerCluster>
20 ⊟      <UriGroup Name="default_host_myApp">
21            <Uri Name="/myApp/*"/>
22            <Uri Name="/myAppAdmin/*"/>
23        </UriGroup>
24        <Route ServerCluster="myCluster" UriGroup="default_host_myApp"
                   VirtualHostGroup="default_host"/>
```

What should the administrator do to the plugin-cfg.xml file to ensure that requests for default_host_myApp URIGroup are routed only to machine1?

A. Delete the Server tag for CloneId="b20000002"Delete all of the tags within the Server tag

B. Delete the UriGroup tag for default_host_myAppDelete all of the tags within the UriGroup tag

C. Delete the VirtualHostGroup tag for default_hostDelete all of the tags within the VirtualHostGroup tag

D. Edit the LoadBalanceWeight for server1 to 20Edit the LoadBalanceWeight for server2 to

Correct Answer: A

QUESTION 3

A system administrator has created a Python script that will run in WebSphere Network cell where administrative security is enabled. This script is named doUpdate.py and will be run by using the following:

wsadmin -connType RMI -f doUpdate.py

How can the administrator suppress a user/password prompt from appearing when this script is run?

Set the user and password in the:

A. sas.client.props file.

B. ssl.client.props file.

C. soap.client.props file.

D. wsadmin.properties file.

Correct Answer: A

QUESTION 4

The application placement controller has been configured with elasticity mode enabled. Intermittently, all instances of a dynamic cluster are removed. After further review, the system administrator noticed that it occurs during peak load on another dynamic cluster.

The administrator wants to keep at least one instance available. Which configuration is needed in the dynamic clusters?

A. Enable application lazy start with elasticity mode.

B. Set the proactiveIdleStop custom property to true.

C. Set the Number of instances to a value greater than zero.

D. Disable the option "If other dynamic clusters need resources, stop all instances of this cluster during periods of inactivity".

Correct Answer: D

It is not recommended to enable elasticity mode when the following option is set in the administrative

console for one or more dynamic clusters:

If other dynamic clusters need resources, stop all instances of this cluster during periods of inactivity.

If you have elasticity mode enabled and the option set, the application placement controller can remove all

of the custom nodes in the cell.

References:

https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/

twve_cfgelastic.html

QUESTION 5

A web application has a configured session timeout of eight hours and a default LTPA token timeout of two hours. After every two hours, the users have to log in again from their HTTP browser. The system administrator is required to make configuration changed so users only have to log in once, while keeping the above mentioned timeouts the same. The authentication mechanism available is Kerberos.

How should the administrator do this?

A. Configure the SIP digest authentication.

B. Configure the SPNEGO Web or SPNEGO TAI.

C. Enable Session Management Security Integration.

D. Ensure Web Inbound security attribute propagation is enabled.

Correct Answer: B

In WebSphere Application Server Version 6.1, a trust association interceptor (TAI) that uses the Simple and Protected GSS-API Negotiation Mechanism (SPNEGO) to securely negotiate and authenticate HTTP requests for secured resources was introduced. This function was deprecated In WebSphere Application Server 7.0. SPNEGO web authentication has taken its place to provide dynamic reload of the SPNEGO filters and to enable fallback to the application login method.

References: https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/csec_ssovo.html

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