

# DUMPS ARENA

## D Application Server Network Deployment V8.5.5 and Liberty Profile System Administration

IBM C9510-401

Version Demo

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**QUESTION NO: 1**

A system administrator has created a wsadmin script with several steps to install and configure an application and some resources in a WebSphere Application Server process. The script executed but the application was not installed successfully. The administrator suspects that the script has problems.

How can the administrator test and debug the script?

- A.** In WebSphere Application Server Developer Tools for Eclipse, right click on the script file and select Validate from context menu.
- B.** Execute the script using the wsadmin with the option `-conntype NONE` and monitor the `commandAssistanceJythonCommands.log` file.
- C.** Use WebSphere Application Server Developer Tools for Eclipse in the debug perspective connected to the server and execute the script step by step.
- D.** Run the script using wsadmin with these parameters: `-lang jython -javaoption "-Xdebug"` and then execute the `logViewer` command with the option `-listInstances`

**ANSWER: C****QUESTION NO: 2**

A customer has enabled LTPA as their authentication mechanism and has web resources that are not secured by proper security constraints. A system administrator is required to ensure that all web resources are secured.

How should the administrator accomplish this?

- A.** Enable "Authenticate when any URI is accessed".
- B.** Enable "Authenticate only when the URI is protected".Disable "Use available authentication data when an unprotected URI is accessed".
- C.** Enable "Authenticate only when the URI is protected".Enable "Use available authentication data when an unprotected URI is accessed".
- D.** Map the application security roles to the configured user registry's groups.

**ANSWER: A****Explanation:**

Authenticate only when the URI is protected

The application server challenges the web client to provide authentication data when the web client accesses a Uniform Resource Identifier (URI) that is protected by a Java Platform, Enterprise Edition (Java EE) role. The authenticated identity is available only when the web client accesses a protected URI.

This option is the default Java EE web authentication behavior that is also available in previous releases of WebSphere® Application Server.

References:

[https://www.ibm.com/support/knowledgecenter/SSAW57\\_8.5.5/com.ibm.websphere.base.doc/ae/usec\\_webauth.html](https://www.ibm.com/support/knowledgecenter/SSAW57_8.5.5/com.ibm.websphere.base.doc/ae/usec_webauth.html)

**QUESTION NO: 3**

A system administrator, Admin1, with Administrator privileges has archived full repository checkpoints. Another administrator, Configurator1, with Configurator privileges has copied the checkpoint contents directory from one of the archived check points to its original location. Configurator1 tries to restore the configuration using the copied archived checkpoint contents and the restore fails.

How can Configurator1 restore the configuration using the copied archived full repository checkpoint?

- A. Copy the archived checkpoint metadata directory to its original location.
- B. Increase the Automatic checkpoint depth to keep all the delta checkpoint.
- C. Delete the delta checkpoint taken after the full repository checkpoint was taken.
- D. Ask an administrator to update the privileges for Configurator1 to match Admin1.

**ANSWER: A****Explanation:**

You must archive both the checkpoint metadata and content directories to store a checkpoint for later restoration.

References: [http://www-](http://www-01.ibm.com/support/knowledgecenter/SSD28V_8.5.5/com.ibm.websphere.nd.doc/ae/twve_archive_checkpoint.html)

[01.ibm.com/support/knowledgecenter/SSD28V\\_8.5.5/com.ibm.websphere.nd.doc/ae/twve\\_archive\\_checkpoint.html](http://www-01.ibm.com/support/knowledgecenter/SSD28V_8.5.5/com.ibm.websphere.nd.doc/ae/twve_archive_checkpoint.html)

**QUESTION NO: 4**

A system administrator ran the backup Config command to backup the configuration using the -nostop option. The administrator changed the properties for the service integration environment by modifying the sib.properties file. During testing the administrator noticed Service Integration Bus related errors and wanted to restore the service integration environment. The administrator used the restore config command, but the tuning properties for the service integration environment were not restored.

How can the administrator prevent this issue?

- A. Use full repository checkpoints for both the backup and the restore.
- B. Use the restore config command with -nostop for the restore.
- C. Use the manage profiles command for both the backup and the restore.
- D. Use the backup config command without -nostop for the backup Use the restore config command without -nostop for the restore.

**ANSWER: B**

**QUESTION NO: 5**

Which of the following comprises an initial Liberty profile server process?

- A. A single JVM, the Liberty kernel, and feature manager.
- B. A single JVM, and OSGI framework and an object request broker.
- C. an OSGI framework, a web container and an EJB container.
- D. AN administrative agent, the Liberty kernel and shared libraries.

**ANSWER: A****Explanation:**

The server process comprises a single JVM, the Liberty kernel, and any number of optional features.

References:

[https://www.ibm.com/support/knowledgecenter/SSEQTP\\_8.5.5/com.ibm.websphere.wlp.doc/ae/cwlp\\_about.html](https://www.ibm.com/support/knowledgecenter/SSEQTP_8.5.5/com.ibm.websphere.wlp.doc/ae/cwlp_about.html)

**QUESTION NO: 6**

A system administrator has created a cluster containing two servers in a same node. The administrator did not select the option Generate unique HTTP ports during the creation of the cluster members. After the cluster creation, the administrator changed the HTTP port of the second cluster member to 9081.

Testing the servers using the snoop servlet directly to the server's HTTP port, the administrator got the following error message for the second server:

```
SRVE0255E: A WebGroup/Virtual Host to handle  
server2:9081 has not been defined
```

How can the administrator fix this problem?

- A. Regenerate and propagate the HTTP plug-in.
- B. Add the port 9081 to the default\_host alias.
- C. Create a new virtual host alias at the cell level for the port 9081.
- D. Edit the server.xml for the second server and add the port 9081.

**ANSWER: B****Explanation:**

Problem(Abstract)

When setting up IBM Cognos within IBM WebSphere, the URI is not accessible. The error message when trying the `http://:p2pd/servlet/dispatch` is

SRVE0255E: A WebGroup/Virtual Host to handle /p2pd/servlet/dispatch has not been defined.

Symptom

Unable to start IBM Cognos Business Intelligence

Cause

The virtual host does not contain IBM WebSphere Port that the Application server is listening on. This may be one of several reasons.

References: <http://www-01.ibm.com/support/docview.wss?uid=swg21438842>

### QUESTION NO: 7

How can a system administrator secure a WebSphere Application Server environment to ensure that an application code will not be allowed to access any files in the server's file system?

- A. Configure the CSIv2 outbound communications under RMI/IIOP security.
- B. Configure the file-based repository and create the fileRegistry.xml file.
- C. Enable Java 2 security and configure the app.policy and was.policy files.
- D. Use the AdminTask deleteAuthorizationGroup to remove application access.

### ANSWER: C

**Explanation:**

When Java 2 security is enabled for a WebSphere Application Server, all the applications that run on WebSphere Application Server undergo a security check before accessing system resources. An application might need a was.policy file if it accesses resources that require more permissions than those granted in the default app.policy file

References: <http://www.aiotestking.com/ibm/how-can-a-system-administrator-secure-a-websphere-application-server-environment-to-ensure-that-an-application-code-will-not-be-allowed-to-access-any-files-in-the-servers-file-system/>

### QUESTION NO: 8

An application contains a web services client and the application is deployed and running. A system administrator has to add a response timeout to the deployed web services client, so the call fails in a timely fashion.

Which artifact should the administrator use?

- A. web.xml
- B. was-webservices-sca.xml
- C. ibm-webservices-bnd.xml
- D. ibm-webservicesclient-bnd.xml

**ANSWER: D****Explanation:**

The `ibm-webservicesclient-bnd.xmi` deployment descriptor file contains information for the web services run time that is WebSphere® product-specific. This deployment descriptor file is used with Java API for XML-based web services.

**References:**

[https://www.ibm.com/support/knowledgecenter/SSEQTJ\\_8.5.5/com.ibm.websphere.base.doc/ae/rwbs\\_assembpropclient.html](https://www.ibm.com/support/knowledgecenter/SSEQTJ_8.5.5/com.ibm.websphere.base.doc/ae/rwbs_assembpropclient.html)

**QUESTION NO: 9**

A system administrator completed a WebSphere Application Server installation by using the Installation Manager. During installation, all defaults were selected for the installation root directories and the shared resources directory. Over time, the administrator has updated the installation with various interim fixes and fix packs. The administrator notices that the shared resources directory is very large in size and grows larger each time the Installation Manager is run.

How can the administrator decrease the size and remove some of the content from the shared resources directory?

- A. Manually delete content from the directory.
- B. During an update, create a new shared resources directory.
- C. Clear the Delete Saved Files option for the Installation Manager.
- D. Set the `preserveDownloadedArtifacts` preference to false.

**ANSWER: D****Explanation:**

Because product payloads are cached in this directory, space requirements can grow very large over the lifetime of the product, as service updates are applied. The WebSphere Application Server product image is large, so if this content is permitted to accumulate, then this directory will grow to be many gigabytes in size over the course of multiple fix pack applications. You should never manually delete the content in this folder. Instead, during any installation or maintenance operation, you can specify the following preference to remove some of the content in this folder:

```
-preferences com.ibm.cic.common.core.preferences.preserveDownloadedArtifacts=false
```

**References:**

[https://www.ibm.com/support/knowledgecenter/en/SSAW57\\_7.0.0/com.ibm.websphere.installation.soafepnd.doc/info/ae/ae/tins\\_installfp\\_dist.html](https://www.ibm.com/support/knowledgecenter/en/SSAW57_7.0.0/com.ibm.websphere.installation.soafepnd.doc/info/ae/ae/tins_installfp_dist.html)

**QUESTION NO: 10**

A system administrator was asked by the development team to inform them of any warning message which contains a string “Connection” on a WebSphere Application Server with High Performance Extensible Logging (HPEL) enabled.

- A. Configure log detail levels to include filter on “Connection” string.
- B. Use the Log Viewer in the administrative console with filter on “Connection” string.

C. Use the logviewer.sh or logviewer.bat command with appropriate options.

D. Use the Log Viewer in the administrative console with filter on “Connection” string and enable the “Refresh automatically” feature.

**ANSWER: C**

**Explanation:**

The High Performance Extensible Logging (HPEL) facility writes to the log and trace repositories in a binary format. You can view, query and filter the repository using the LogViewer command.

logviewer.sh -monitor -includeLoggers Connection

-monitor [integer] Specifies that you want the logViewer to continuously monitor the repository and output new log record entries as they are created. You can provide an optional integer argument after this parameter to specify how often you want the LogViewer tool to query the repository for new records. By default the logViewer queries the repository for new records every 5 seconds. When used with other filtering options, only those new records that match the filter criteria are displayed.

**References:**

[https://www.ibm.com/support/knowledgecenter/en/SSAW57\\_8.5.5/com.ibm.websphere.nd.doc/ae/rtrb\\_logviewer.html](https://www.ibm.com/support/knowledgecenter/en/SSAW57_8.5.5/com.ibm.websphere.nd.doc/ae/rtrb_logviewer.html)