



IBM C1000-174

**IBM WebSphere Application Server Network Deployment
Administrator Certification Questions & Answers**

Exam Summary – Syllabus – Questions

C1000-174

[IBM Certified Administrator - WebSphere Application Server Network Deployment v9.0.5](#)

60 Questions Exam – 70% Cut Score – Duration of 90 minutes

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Know Your C1000-174 Certification Well:

The C1000-174 is best suitable for candidates who want to gain knowledge in the IBM Cloud - Management and Platform. Before you start your C1000-174 preparation you may struggle to get all the crucial WebSphere Application Server Network Deployment Administrator materials like C1000-174 syllabus, sample questions, study guide.

But don't worry the C1000-174 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the C1000-174 syllabus?
- How many questions are there in the C1000-174 exam?
- Which Practice test would help me to pass the C1000-174 exam at the first attempt?

Passing the C1000-174 exam makes you IBM Certified Administrator - WebSphere Application Server Network Deployment v9.0.5. Having the WebSphere Application Server Network Deployment Administrator certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

IBM C1000-174 WebSphere Application Server Network Deployment Administrator Certification Details:

Exam Name	IBM Certified Administrator - WebSphere Application Server Network Deployment v9.0.5
Exam Code	C1000-174
Exam Price	\$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	70%
Books / Training	IBM WebSphere Application Server V9
Schedule Exam	Pearson VUE
Sample Questions	IBM WebSphere Application Server Network Deployment Administrator Sample Questions

Practice Exam	<u>IBM C1000-174 Certification Practice Exam</u>
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C1000-174 Syllabus:

Topic	Details	Weights
Install and update the environment	<ul style="list-style-type: none"> - Plan for an installation - Perform a silent installation of IBM WebSphere Application Server and fix packs - Perform post installation verification - Troubleshoot installation - Backup and restore the configuration including the use of checkpoints - Apply maintenance to the product - Migrate application servers 	13%
Create a high availability configuration	<ul style="list-style-type: none"> - Demonstrate and understanding of a multi-tier environment - Create a multi-node topology and appropriate high availability model - Manage nodes in an IBM WebSphere Application Server topology - Configure and manage the HTTP server and the web server plug-in for high availability - Configure distributed session management for high availability and failover scenarios 	13%
Manage Security	<ul style="list-style-type: none"> - Configure user repositories - Configure SSL for clients and servers - Implement multiple security domains - Apply administrative and application security roles - Configure different authentication and authorization mechanisms - Configure Java Enterprise, Web, and Web Services Security - Audit Security Infrastructure 	12%
Monitor and Tune the Environment	<ul style="list-style-type: none"> - Use performance tooling to monitor the IBM WebSphere Application Server runtime - Tune parameters that affect IBM WebSphere Application Server performance - Use the Performance Monitoring Infrastructure (PMI) metrics - Configure and monitor the WebSphere 	8%

Topic	Details	Weights
<p>Troubleshoot Post-Installation</p>	<p>Application Server caching mechanisms</p> <ul style="list-style-type: none"> - Enable High Performance Extensible Logging (HPEL) and view HPEL data - Enable Cross Component Trace (XCT) and view trace data in XCT Log Viewer - Use tools to trigger and analyze heap dumps, javacore dumps, system core dumps and verbose Garbage Collection (GC) - Use mustgather documentation and collector tool to gather and analyze diagnostic data or submit data to IBM Support - Configure, review and analyze log files for First Failure Data Capture (FFDC), system logs, native logs, and trace logs 	<p>8%</p>
<p>Administer and Configure the environment</p>	<ul style="list-style-type: none"> - Create and manage full profiles - Configure resources - Illustrate the usage of the Integrated Solutions Console - Configure or modify an IBM WebSphere Application Server environment by using properties files and/or the monitored directory feature - Configure an external HTTP server for the environment - Use the standard set of command line tools to perform administrative tasks - Configure Intelligent Management Features 	<p>18%</p>
<p>Deploy and Administer Applications</p>	<ul style="list-style-type: none"> - Deploy applications to an IBM WebSphere Application Server environment - Perform partial updates of enterprise applications, web applications, and business level applications - Manage class loader configuration 	<p>15%</p>
<p>Modernization</p>	<ul style="list-style-type: none"> - Use Liberty Advisor to evaluate applications - Containerize your WebSphere Application Server - Deploy WebSphere Application Server Network Deployment inside a cloud 	<p>13%</p>

IBM C1000-174 Sample Questions:

Question: 1

What is the result of executing the following command from the WebSphere Application Server ND node as a non-root user against the deployment manager running as root user?

```
app_server_root/bin/manageprofiles.sh -create
-profileName Custom01
-profilePath profile_root
-templatePath app_server_root/profileTemplates/managed
-nodeName Custom01Node
-cellName Custom01Cell
-hostName myhost.mycity.mycompany.com
-isDefault
-dmgrHost myhost.mycity.mycompany.com
-dmgrPort 8879
-dmgrAdminUserName user_name
-dmgrAdminPassword password
```

- a) Creation of the custom profile fails.
- b) Creates and federates a custom profile.
- c) Creates a custom profile but federation fails.
- d) Creates a custom profile with a warning message.

Answer: b

Question: 2

An administrator received an alert notification from their application team that the thin JMS client application failed to connect to the WebSphere Application Server and there was a connection refused error. To troubleshoot the issue, they were advised by IBM Support to collect client and server side traces.

What two methods are available for the administrator to enable trace on the thin client?

- a) AdminConsole
- b) Trace.xml file
- c) Trace.properties file
- d) java -D system arguments
- e) TraceSettings.properties file

Answer: d, e

Question: 3

A administrator has configured memory to memory (M2M) session persistence for a large WebSphere Application Server ND cluster with a dedicated data replication service (DRS) domain. How can they keep the DRS domain secure?

- a) Select encryption type DES and TRIPLE_DES and regenerate the encryption key periodically.
- b) Nothing needs to be done, the environment is secured when using M2M session persistence.
- c) Select DCS-Secure as transport chain under Core Group name.
- d) Select encryption type DES and TRIPLE_DES.

Answer: c

Question: 4

An administrator wants to move a WebSphere Application Server node to a product installation on a different host but at the same path. Which statement is true?

- a) They can use the Recover managed node page or the - asExistingNode option of addNode.
- b) They cannot use the Recover managed node page or the - asExistingNode option of addNode.
- c) They can use the Recover managed node page but not the - asExistingNode option of addNode.
- d) They can use the -asExistingNode option of addNode but not the Recover managed node page.

Answer: d

Question: 5

An administrator has performed the initial installation of WebSphere Application Server on an AIX operating system and they want to set the file ownership and permissions for an entire installation to a group of users. Which WebSphere command will grant the required permissions?

- a) chmod
- b) chown
- c) chutils
- d) instutils

Answer: c

Question: 6

What is the function of the osgiCfgInit script in Websphere Application Server ND?

- a) It clears the OSGi cache for all servers within that profile
- b) It displays all duplicated classes
- c) It configures OSGi for a particular server
- d) It lists all loaded classes

Answer: a

Question: 7

Which PMI counter will monitor the number of managed connections and the total number of connections to the Customer Information Control System (CICS)?

- a) J2C connection pool counters
- b) JDBC connection pools
- c) Object pool counters
- d) System counters

Answer: a

Question: 8

Which statement is true about OSGi application class loading?

- a) OSGi uses metadata in the manifest file as its class loader mode.
- b) OSGi does not use class loaders to load classes for business applications.
- c) OSGi can discover classes automatically and does not need any additional information.
- d) OSGi declares a text file on root directory of application hierarchy to describe needed classes.

Answer: a

Question: 9

What happens when the JDBC data source prepared statement cache is full?

- a) The cache size is increased to accommodate new entries.
- b) Old entries in the cache are discarded to make room for new ones.
- c) The cache switches to a different storage mechanism for new entries.
- d) The cache is paused and entries are not added to it until it is emptied.

Answer: b

Question: 10

Which statement is true about installing enterprise application files by adding properties files to a monitored directory in WebSphere Application Server ND?

- a) SAR file cannot be deployed.
- b) It is supported on distributed and IBM i operating systems only.
- c) wsadmin needs to be started to deploy the application or module.
- d) Properties file must be copied to the monitoredDeployableApps/deploymentProperties monitored directory.

Answer: d

Study Guide to Crack IBM WebSphere Application Server Network Deployment Administrator C1000-174 Exam:

- Getting details of the C1000-174 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the C1000-174 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the IBM provided training for C1000-174 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the C1000-174 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on C1000-174 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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