



C5050-062^{Q&As}

Rational UrbanCode Deploy

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QUESTION 1

What do Source Configuration plugins enable the user to do?

- A. Explicitly define an IBM UrbanCode Deploy agent that will download a component's files
- B. Explicitly define a sub-process that will perform selective configuration of a component's files
- C. Explicitly define a procedure for interactively selecting which component files to download when the deployment process runs
- D. Explicitly define a sub-process for downloading a component's files from multiple repositories

Correct Answer: A

Source Configuration Plugins in IBM UrbanCode Deploy

admin - [User Icon] [Logout Icon] IBM

Dashboard Components Applications Configuration Processes Resources Calendar Work Items Reports Settings

Home > Settings > System

There is no agent or tag configured to import new component versions, so no new versions will be imported. Please set this on the Settings > System Settings page.

Logging Network Notifications Audit Log Patches Properties System Settings

General Settings

External Agent URL * ?

External User URL * ?

Automatic Version Import Check Period (seconds) * ?

Validate Agent IP ☐ ?

Enable UI Debugging ☐ ?

Fail Processes With Unresolved Properties ☒ ?

Use Agent Tag For Integration ☐ ?

Agent for Version Imports ?

References: <https://developer.ibm.com/urbandcode/videos/source-configuration-plugins-ibm-urbancodedeploy/>

QUESTION 2

What are three main characteristics of an agent? (Select three.)

- A. Runs plugin steps (scripts to perform various actions)
- B. Is installed on UrbanCode server to allow communication with agent relays
- C. Runs automation tasks defined by an Ant script
- D. Represents the IBM UrbanCode Deploy agent software running on a server
- E. Is installed on each server on which commands must be executed



Correct Answer: BCD

C, not A: Apache Ant is a command line tool that is used to automate the build and deployment of applications. This plug-in calls the Ant executable to run one or more targets defined in a specified Ant script file, and is very useful for quickly integrating legacy automation into your UrbanCode Deploy Processes. IBM UrbanCode Deploy agents include a distribution of Ant, which is used by default, but other versions can be used by providing the path to the Ant installation directory in your Process Step. B, not E: Will the agent connect to an agent relay instead of directly to the server? The default value is N. If you specify Y, you are prompted to configure the following parameters: hostname or address of the agent relay the agent will connect to agent communication port for the agent relay HTTP proxy port for the agent relay

References: <https://developer.ibm.com/urbandcode/plugin/ant-2/>

QUESTION 3

A development team wants to capture all the versions of the components that were deployed in the QA environment and the want to deploy them on the Production environment. What is the best approach for doing this in IBM UrbanCode Deploy?

- A. They should create a tag to identify which revisions were deployed in the QA, and when executing the deployment to Production they should select all the versions that have the defines tag.
- B. They should create an application baseline that includes all the component versions deployed on the QA.
- C. They should compare the QA environment with the Production environment, and from the differences create a delta deployment that should be applied to Production.
- D. They should create a snapshot of the QA environment and deploy this snapshot to Production.

Correct Answer: A

Using Tagging to Implement Blue/Green Deployments Many clients using IBM UrbanCode Deploy are interested in implementing Blue/Green deployments. A Blue/Green deployment is a term that refers to a method of deploying the same Components to multiple servers or server clusters in a way that eliminates the need to bring them all offline at the same time. Whether the goal is to maintain availability to a service or application during an upgrade or your internal system requires constant server uptime, simply taking all resources offline simultaneously just isn't an option.

References: <https://developer.ibm.com/urbandcode/docs/blue-green-deployments-using-tags-ibmurbancode-deploy/>

QUESTION 4

IBM UrbanCode Deploy (UCD) offers an integration with Chef. How does this integration work?

- A. IBM UCD installs Chef solo as part of the deployment process and also allows users to execute Chef nodes.
- B. IBM UCD integrates with Chef server and manages updating Chef endpoints by running scripts against the Chef server.
- C. Chef server and Chef solo poll the IBM UCD repository for new artifacts to deploy, and then deploy them.
- D. Chef server and Chef solo allows for the IBM UCD agent to be automatically installed on Chef endpoints.

Correct Answer: C



Incorrect Answers:

A: Set up a UCD server with the Chef plug-in installed.

To use the IBM Integration Bus cookbook with UCD, you must install the Chef plug-ins, as these are not there by default.

References: <https://developer.ibm.com/integration/blog/2014/06/23/how-to-automate-ibm-integration-busdeployments-using-ibm-urbancode-deploy-and-chef/>

QUESTION 5

Which IBM UrbanCode Deploy executable is invoked by command-line scripts?

- A. udeploy
- B. ucdeploy
- C. udclient
- D. udserver

Correct Answer: C

If IBM UrbanCode Deploy does not have a source configuration type for your build system, you can use the udclient command-line client to manage components.

References: http://www.ibm.com/support/knowledgecenter/SS4GSP_6.2.1/com.ibm.uddeploy.doc/topics/comp_create_udclient.html

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