



C5050-062^{Q&As}

Rational UrbanCode Deploy

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**QUESTION 1**

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 2

What should be defined in an IBM UrbanCode Deploy application?

- A. Components, Baselines and Environments
- B. Components, Environments and Processes
- C. Components, Snapshots and Recourses
- D. Agents, Versions and Resources

Correct Answer: B

Applications are responsible for bringing together all the components that must be deployed together. Applications do this task by defining the different versions of each component and defining the different environments that the components must go through on the way to production. In addition, applications also map the constituent hosts and systems (called resources) that a component needs within every environment. Applications also implement automated deployments, rollbacks, and similar tasks. These tasks are called processes. However, at the application level, processes are concerned only with the components and resources that are necessary for deployment, and related tasks

References: http://www.ibm.com/support/knowledgecenter/SS4GSP_6.2.0/com.ibm.udeploy.doc/topics/applications_ch.html

**QUESTION 3**

Which two statements are true about how IBM UrbanCode Deploy (UCD) organize deployment artifacts? (Select two.)

- A. Deployment artifacts are typically produced by an automated build and then imported into UCD as a version.
- B. Deployment artifacts are stored in an external system (version control, CMDB, inventory, etc.) and UCD can only download the artifacts to the target server as part of a deployment process.
- C. Deployment artifacts must be uploaded to Rational Asset Manager, so they can be used on a deployment process.
- D. Each component contains at least one deployment package that contains all the deployment artifacts for that application.
- E. A component contains in the artifact set (versions) and the automation to deploy it.

Correct Answer: BE

B: Deployable items, or artifacts, can be files, images, databases, configuration materials, or anything else that is associated with a software project. Artifacts can come from a number of sources: file systems, build servers such as IBM Anthill Pro, and many others.

E: When you create a component, you identify the source and define how the artifacts are brought into IBM UrbanCode Deploy.

References: https://www.ibm.com/support/knowledgecenter/SS4GSP_6.1.1/com.ibm.udeploy.doc/topics/comp_ch.html

QUESTION 4

Which three tasks are typically performed by an environment owner who uses IBM UrbanCode Deploy to establish a deployment pipeline? (Select three.)

- A. Performs tests on applications in this environment
- B. Installs agents on the resources in environment
- C. Previews changes in environment
- D. Rolls back changes to environment
- E. Captures inventory compliance status

Correct Answer: BCD

C: You can preview an application snapshot before you deploy it to see the upcoming changes in resources and properties.

D: Rollback Component rolls back a component version to the version in a snapshot or to the version that was deployed when the process began. In most cases, to switch to a different version of a component, you deploy the new version over the existing version. If necessary, you can run the uninstallation process for the component first.

References: [http://www.ibm.com/support/knowledgecenter/SS4GSP_6.1.3/com.ibm.udeploy.doc/topics/](http://www.ibm.com/support/knowledgecenter/SS4GSP_6.1.3/com.ibm.udeploy.doc/topics/app_processsteps_rollback.html)

[app_processsteps_rollback.html](http://www.ibm.com/support/knowledgecenter/SS4GSP_6.1.3/com.ibm.udeploy.doc/topics/app_processsteps_rollback.html)



QUESTION 5

Which three statements are true about version statuses? (Select three.)

- A. Version statuses must be used in conjunction with tokens to mark which versions are ready for deployment.
- B. Version statuses must be used in conjunction with environment gates to govern which versions are allowed into specific environments.
- C. Version statuses must be used in conjunction with locks to identify which environments are locked for marked versions.
- D. Version statuses must be used in conjunction with component tags to tag which versions can be deployed.

Correct Answer: BCD

BD: In IBM UrbanCode Deploy, Environment Gates and Version Statuses can help you define policies restricting which versions of components and applications may be deployed into certain environments. For example, you would use Gates and Statuses to enforce a rule that anything being deployed into Production has passed security reviews. Unlike approvals which act on a specific request, Gates establish checks on the versions of components or applications being deployed.

C: Environments can be configured to specifically lock either snapshot versions or snapshot configuration, or both, when snapshots are deployed to the environment. In addition, users can now manually lock snapshots so that they cannot be changed in the future

References: <https://developer.ibm.com/urbandcode/docs/introduction-environment-gates-urbandcode-deploy/>
<https://developer.ibm.com/urbandcode/products/urbandcode-deploy/whats-new/6-1-0-1/>

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