

Practice Quiz: Updating Deployments

TOTAL POINTS 5

1. What is a production environment in Puppet?

1 / 1 point

- ☐ The software used for software development such as IDEs.
- ☒ The parts of the infrastructure where a service is executed, and served to its users.
- ☐ A cloud service for commercial production.
- ☐ A Virtual Machine reserved for beta software.



Correct

Awesome! Environments in Puppet are used to isolate software in development from software being served to end users.

2. What is the --noop parameter used for?

1 / 1 point

- ☐ Passing a variable called noop to Puppet
- ☐ Adding conditional rules to manifests
- ☐ Defining what operations not to perform in a manifest
- ☒ Simulating manifest evaluation without taking any actions

3. What do rspec tests do?

1 / 1 point

- ☐ Checks that nodes can connect to the puppet master correctly
- ☐ Check the specification of the current node
- ☒ Check the manifests for specific content
- ☐ Checks that the node is running the correct operating system

✓ **Correct**

Right on! We can test our manifests automatically by using rspec tests. In these tests, we can verify resources exist and have attributes set to specific values.

4. How are canary environments used in testing?

1 / 1 point

- ☐ To store unused code
- ☒ As a test environment to detect problems before they reach the production environment
- ☐ As a repository for alternative coding methods for a particular problem
- ☐ As a test environment for final software versions

✓ **Correct**

Woohoo! If we can identify a problem before it reaches all the machines in the production environment, we'll be able to keep the problem isolated.

5. What are efficient ways to check the syntax of the manifest? (Check all that apply)

1 / 1 point

☒ Run full No Operations simulations

✓ **Correct**

Great work! In order to perform No Operations simulations, we must use the `--noop` parameter when running the rules.

☒ Run rspec tests

✓ **Correct**

Groovy! To test automatically, we need to run rspec tests, and fix any errors in the manifest until the RSpec tests pass.

☐ Test manually

☒ puppet parser validate

✓ **Correct**

Excellent! Using the puppet parser validate command is the simplest way to check that the syntax of the manifest is correct.