* **Module Review**

**PRACTICE QUIZ • 25 MIN**

**Practice Quiz: Updating Deployments**

**Submit your assignment**

**Practice Quiz: Updating Deployments**

**TOTAL POINTS 5**

1.

Question 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.

Question 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

**Correct**

Nice job! No Operations mode makes Puppet simulate what it would do without actually doing it.

3.

Question 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.

Question 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.

Question 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.