



Practice Quiz: Automating Cloud Deployments

TOTAL POINTS 5

1. In order to detect and correct errors before end users are affected, what technique(s) should we set up?

1 point

- ☒ Monitoring and alerting
- ☐ Orchestration
- ☐ Autoscaling
- ☐ Infrastructure as Code

2. When accessing a website, your web browser retrieves the IP address of a specific node in order to load the site. What is this node called?

1 point

- ☐ Gate node
- ☒ Entry point
- ☐ Access machine
- ☐ Front line

3. What simple load-balancing technique just assigns to each node one request at a time?

1 point

- ☐ Random
- ☒ Round Robin
- ☐ Least connections
- ☐ Source IP

4. Which cloud automation technique spins up more VMs into instance groups when demand increases, and shuts down VMs when demand decreases?

1 point

- ☐ Infrastructure as Code
- ☒ Autoscaling
- ☐ Load Balancing
- ☐ Orchestration

5. Which of the following are examples of orchestration tools used to manage cloud resources as code? (Check all that apply)

1 point

- ☒ Terraform
- ☒ CloudFormation
- ☒ Azure Resource Manager
- ☐ CloudFlare

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