1. What is the primary purpose of Open Policy Agent (OPA)?

A. Monitor application performance

B. Enforce security and compliance policies

C. Compile Terraform configurations

D. Encrypt cloud secrets

✅ Correct Answer: B

2. What format must the Terraform plan be in for Conftest to evaluate it?

A. YAML

B. HCL

C. JSON

D. TOML

✅ Correct Answer: C

3. What is the role of Conftest in the policy enforcement workflow?

A. Deploys Azure resources

B. Runs Rego policies on structured files

C. Compiles Terraform modules

D. Encrypts policy files

✅ Correct Answer: B

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4. Which of the following is a correct way to deny resources missing a cost\_center tag in Rego?

A. deny[msg] { input.tags.cost\_center == "" }

B. deny[msg] { not tags["cost\_center"] }

C. error if tags["cost\_center"] == null

D. require tags["cost\_center"] != null

✅ Correct Answer: B

5. What command converts a Terraform plan to JSON for policy checking?

A. terraform convert plan.json

B. terraform show tfplan.json

C. terraform show -json tfplan > tfplan.json

D. terraform to-json tfplan

✅ Correct Answer: C

6. Which tool helps integrate OPA policy checks into a CI pipeline like GitHub Actions?

A. Azure DevTest

B. Azure Key Vault

C. Conftest

D. Cloud Shell

✅ Correct Answer: C

7. What happens if a policy violation is detected in Conftest?

A. The test passes silently

B. The plan is automatically corrected

C. A deny message is printed

D. Resources are deleted

✅ Correct Answer: C

8. Which Terraform resource is typically validated for open ingress rules in policies?

A. azurerm\_virtual\_network

B. azurerm\_network\_security\_group

C. azurerm\_network\_security\_rule

D. azurerm\_public\_ip

✅ Correct Answer: C

9. What is the purpose of this Rego snippet?

not tags["Owner"]

A. To check if Owner is a valid user

B. To ensure Owner tag is present

C. To add the Owner tag

D. To delete untagged resources

✅ Correct Answer: B

10. Which of the following is NOT a benefit of using OPA with Terraform?

A. Catching policy issues before deployment

B. Enforcing best practices

C. Automatically billing resources

D. Integrating with CI/CD pipelines

✅ Correct Answer: C

11. Where should you store Rego policy files in a Terraform project?

A. terraform.tfvars

B. ./policies/ directory

C. ./.terraform/ folder

D. Azure Key Vault

✅ Correct Answer: B