VA-002-P^{Q&As}

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QUESTION 1

Select the feature below that best completes the sentence:

The following list represents the different types of _____ available in Terraform.

1.

 max

2.

 min

3.

 join

4.

 replace

5.

 list

6.

 length

7.

 range

A. named values

B. backends

C. functions

D. data sources

Correct Answer: C

The Terraform language includes a number of built-in functions that you can call from within expressions to transform and combine values. The Terraform language does not support user-defined functions, and only the functions built into the language are available for use.

QUESTION 2

While Vault provides businesses tons of functionality out of the box, what feature allows you to extend its functionality with solutions written by third-party providers?

A. vault agent

B. namespaces

C. plugin backend

D. control groups

Correct Answer: C

Plugin backends are the components in Vault that can be implemented separately from Vault\\'s built- in backends. These backends can be either authentication or secrets engines. All Vault auth and secret backends are considered plugins. This simple concept allows both built-in and external plugins to be treated like Legos. Any plugin can exist at multiple different locations. Different versions of a plugin may be at each one, with each version differing from Vault\\'s version. Reference links:https://www.vaultproject.io/docs/plugin https://www.vaultproject.io/docs/internals/plugins

QUESTION 3

As opposed to service tokens, batch tokens are ideal for what type of action?

A. generating dynamic credentials

B. configuring Vault features

C. renewing tokens

D. issuing snapshots

E. encrypting data

F. writing secrets

Correct Answer: E

Batch tokens are generally used for encrypting data because they are lightweight and scalable and also include enough information to use with Vault.

QUESTION 4

What are some of the problems of how infrastructure was traditionally managed before Infrastructure as Code? (select three)

A. Requests for infrastructure or hardware required a ticket, increasing the time required to deploy applications

B. Traditional deployment methods are not able to meet the demands of the modern business where resources tend to live days to weeks, rather than months to years

C. Traditionally managed infrastructure can\\'t keep up with cyclic or elastic applications

D. Pointing and clicking in a management console is a scalable approach and reduces human error as businesses are moving to a multi-cloud deployment model

Correct Answer: ABC

Businesses are making a transition where traditionally-managed infrastructure can no longer meet the demands of today\\'s businesses. IT organizations are quickly adopting the public cloud, which is predominantly API-driven. To meet customer demands and save costs, application teams are architecting their applications to support a much higher level of elasticity, supporting technology like containers and public cloud resources. These resources may only live for a matter of hours; therefore the traditional method of raising a ticket to request resources is no longer a viable option Pointing and clicking in a management console is NOT scale and increases the change of human error.

QUESTION 5

True or False? Each Terraform workspace uses its own state file to manage the infrastructure associated with that particular workspace.

A. False

B. True

Correct Answer: B

The persistent data stored in the backend belongs to a workspace. Initially, the backend has only one workspace, called "default", and thus there is only one Terraform state associated with that configuration.