You answered 5 of 5 questions correctly. Continue watching Retake quiz

Question 1 of 5

A company is working on two web-based applications on a single cloud network. Which code snippet would be the best candidate to include in a global environment when modularizing code?

```
provider "aws" {
 profile = "default"
 region = "us-west-2"
}
```

```
resource "aws_default_vpc" "default" {}
```

```
resource "aws_default_subnet" "default" "default_az1 {}
```

```
variable "whitelist" {
 type = list(string)
}
```

Correct

Choosing to place the whitelist code into a variable's module is the best way to make it globally available to the different application projects.

Question 2 of 5

What may be a consideration when deciding whether to use code modules in Terraform?

code comments

Question 2 of 5

What may be a consideration when deciding whether to use code modules in Terraform?

- code comments
- new code
- code errors
- ✓ reusable code

Correct

Reusable code is a common practice in many languages. With Terraform, code modules could be designed to be reusable.

Question 3 of 5

Communication between Terraform modules is dependent on _____ .

- arguments
- providers
- ✓ variables

Correct

Terraform code modules allow the separation and grouping of code. Modules communicate by accepting input with variable data and by providing output.

- versioning

Question 4 of 5

Splitting out data in Terraform is a great way to manage code. What is the best way to achieve this?

- Use code state to clean up code.

- [x] variables
  Correct
  Terraform code modules allow the separation and grouping of code. Modules communicate by accepting input with variable data and by providing output.
- [ ] versioning

Question 4 of 5

Splitting out data in Terraform is a great way to manage code. What is the best way to achieve this?

- [ ] Use code state to clean up code.
- [ ] Use code management to remove data.
- [ ] Place all code comments in a text file.
- [x] Use a variables definitions file.
  Correct
  A variables definition file is a Terraform feature that allows for the use of a file that only contains variables that are used in the project.

Question 5 of 5

How might a developer best use variables in Terraform code?

- [ ] with static IP values
- [x] with resources that might change
  Correct
  Variables are used in code to represent a value that might change. In Terraform, it is possible that resources may be created and destroyed often. Variables would be useful in this case.
- [ ] with constant resource types
- [ ] with code comments