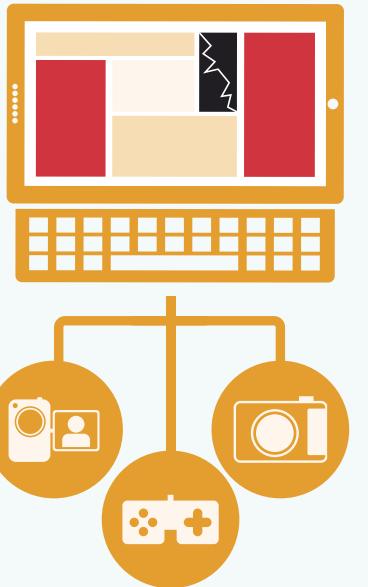
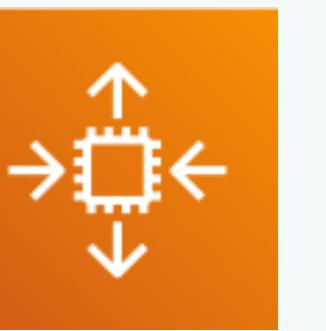
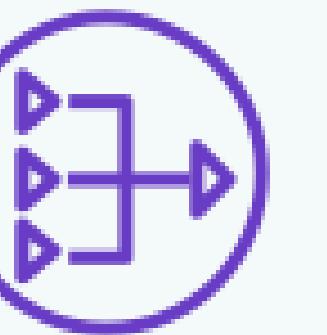


# Understanding module inputs

## Topics covered:

- Modules inputs
- Module relative path
- lab demonstration on how module inputs are declared to create resources
- Architecture of the infrastructure for lab demonstration



# Module Syntax:



## Syntax to use the terraform module

```
Module "NAME" {  
  
    Source = "source path : git URL"  
  
    [configs .....]  
}
```



Path has to be relative path from where you run your terraform apply command.  
(Except when you specify git url as source path which we will discuss in our upcoming lectures)

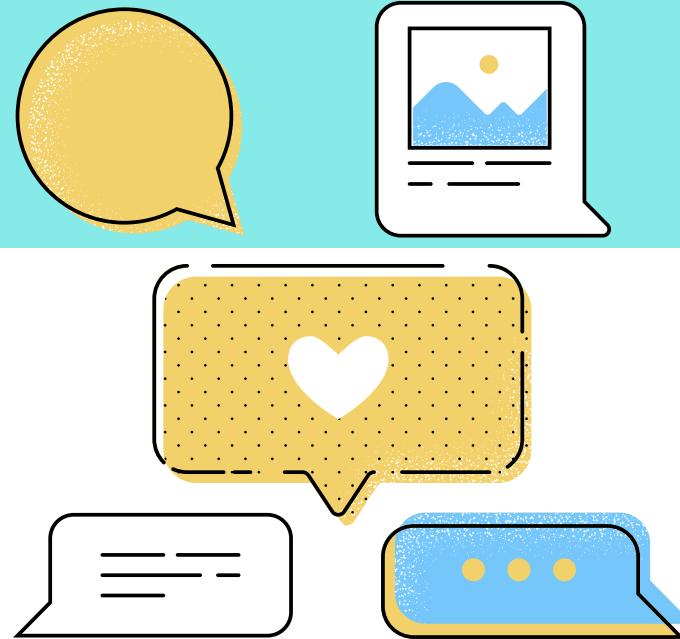
Example code in your terraform code to use modules:

```
Module "webserver" {  
    Source = "../Modules/webservers"  
}
```

main.tf at client side:  
while calling module

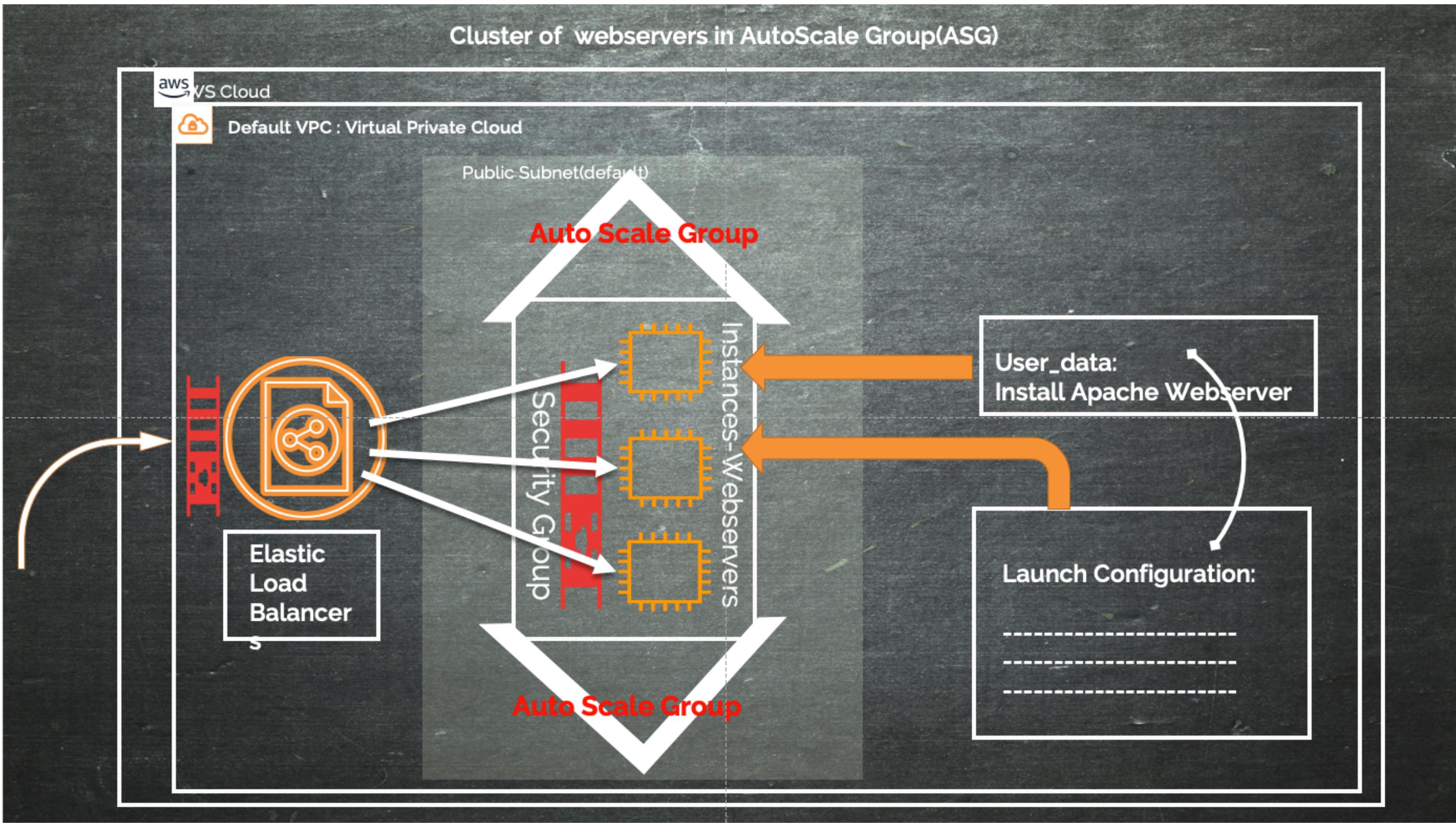
Modules relative source path

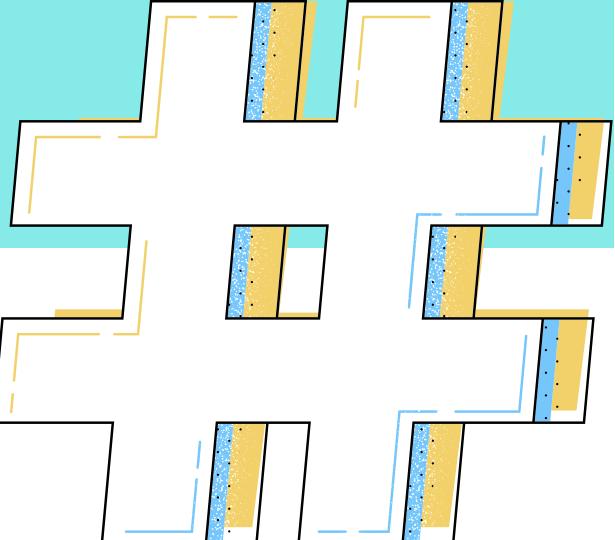
## Module inputs



**Variables in module  
become  
Module inputs**

# Architecture for the infra deployment in lab demonstration





**Command to download new or update:**

**Download and install module:**

```
#terraform init
```

**Download and install updated module:**

```
#terraform get
```