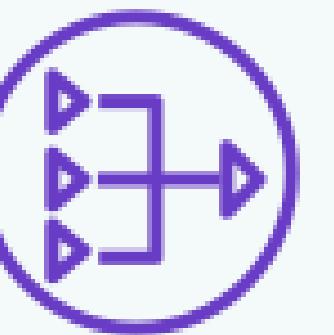


Understanding module outputs

Topics covered:

- Modules output syntax
- lab demonstration on how module outputs are declared and access from client side terraform code



Module output Syntax:



Terraform module outputs

Find below code for module output declaration and you are going to call this from your root module :

Syntax to declare output variable:

```
output "dns_name_elb" {  
    value = [ "${aws_elb.my_first_elb.dns_name}" ]  
}
```

Variable name : any name is fine

argument

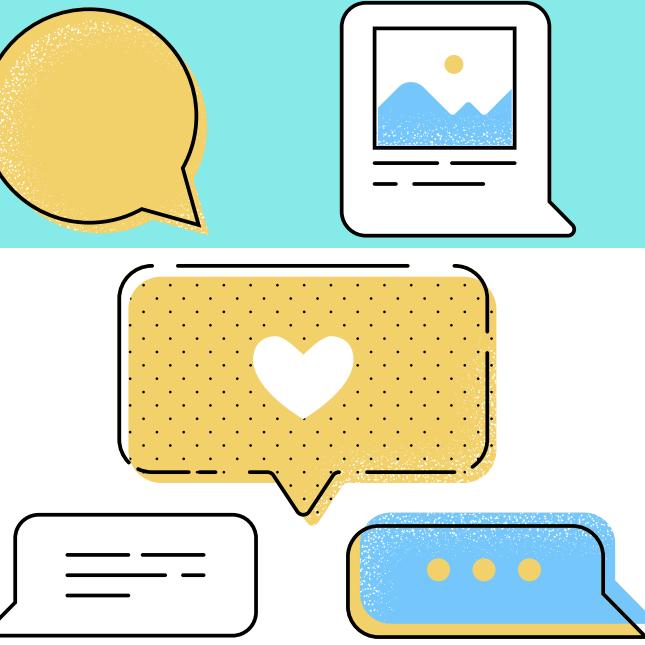
Attribute name of ELB resource

Find below code for your root module and you are accessing parent module output as declared above :

Syntax to access module output:

```
"${module.module_name.OUTPUT_NAME}"
```

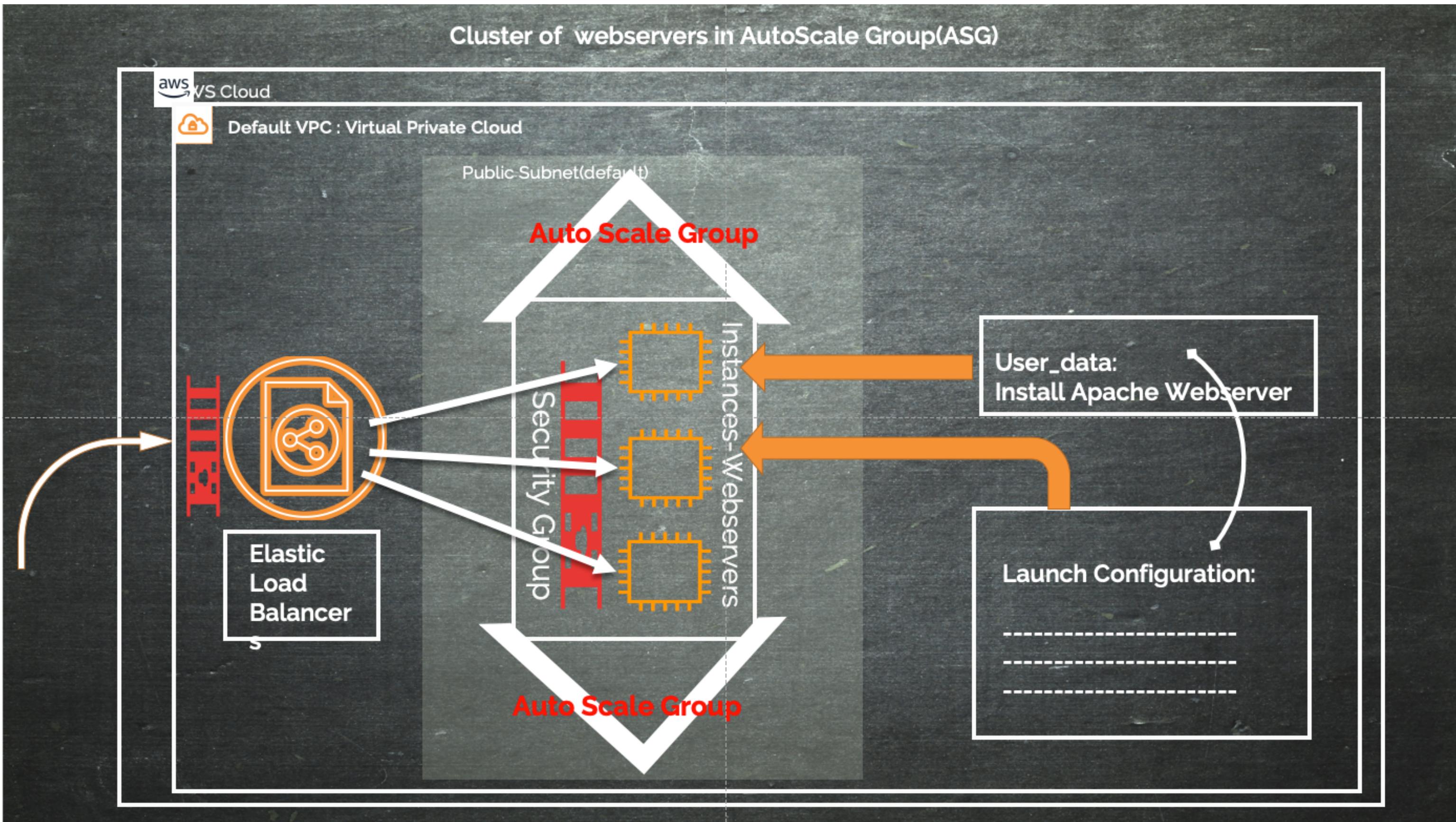
Module name declared in your root module code at client side



**Output variables and
attributes in module
become
Module Outputs
And
which you can access
them from another
module or your root
module**

Note: Remember your .tf files of terraform code in a folder is your root module

Architecture for the infra deployment in lab demonstration



Command to download new or updated module:

Download and install module:

```
#terraform init
```

Download and install updated module:

```
#terraform get
```