

Terraform, conditionals, state and VM

azure public ip

- public IP = external access to resources
- SND
- Estáticas/Dinámicas
- Acceso a recursos

```
resource "azurerm_network_interface" "web_server_nic" {
  name            = "${var.web_server_name}-nic"
  location        = "${var.web_server_location}"
  resource_group_name = "${azurerm_resource_group.web_server_rg.name}"

  ip_configuration {
    name                = "${var.web_server_name}-ip"
    subnet_id           = "${azurerm_subnet.web_server_subnet.id}"
    private_ip_address_allocation = "dynamic"
    public_ip_address_id = "${azurerm_public_ip.web_server_public_ip.id}"
  }
}

resource "azurerm_public_ip" "web_server_public_ip" {
  name                = "${var.web_server_name}-public-ip"
  location            = "${var.web_server_location}"
  resource_group_name = "${azurerm_resource_group.web_server_rg.name}"
  public_ip_address_allocation = "dynamic"
}
```

conditionals

```
"web_server_location"    = "westus2"
"web_server_rg"          = "web-rg"
"resource_prefix"        = "web-server"
"web_server_address_space" = "1.0.0.0/22"
"web_server_address_prefix" = "1.0.1.0/24"
"web_server_name"        = "web-01"
"environment"            = "production"
```

```
variable "environment" {}

resource "azurerm_public_ip" "web_server_public_ip" {
  name                = "${var.web_server_name}-public-ip"
  location            = "${var.web_server_location}"
  resource_group_name = "${azurerm_resource_group.web_server_rg.name}"
  public_ip_address_allocation = "${var.environment == "production" ? "static" :
"dynamic" }"
```

}

azure Network Security Group

azure Market PLace Images

azure Hardware Models

Azure Virtual Machine

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