

Launch an ec2 instance under a default subnet and VPC using terraform template

Launched an instance

Find Instance by attribute or tag (case-sensitive)						
Instance ID = i-0dbe3eab956bd1250		Clear filters		< 1 > ⚙		
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	terraform	i-0dbe3eab956bd1250	Running	t2.micro	2/2 checks passed	No alarms

```
provider "aws" {  
}  
  
resource "aws_default_subnet" "example" {  
  availability_zone = "ap-south-1"  
  
  tags = {  
    Name = "subnet for ap-south-1"  
  }  
}
```

	Name	Subnet ID	State	VPC	IPv4 CIDR
<input type="checkbox"/>	-	subnet-0f055c82ccfd354d1	Available	vpc-0512bccd19ace4ba7	172.31.0.0/16
<input type="checkbox"/>	-	subnet-0c7a60de6697c6da6	Available	vpc-0512bccd19ace4ba7	172.31.0.0/16
<input checked="" type="checkbox"/>	subnet	subnet-0e5dfb1b1c802a5a9	Available	vpc-0512bccd19ace4ba7	172.31.0.0/16

Created vpc

```
provider "aws" {  
  alias = "main"  
}  
  
resource "aws_default_vpc" "default" {  
  provider = aws.main  
  
  tags = {  
    Name = "Default VPC"  
  }  
}
```

```
buntu@ip-172-31-32-67:~/demo$ terraform init
```

```
initializing the backend...
```

```
initializing provider plugins...
```

```
Reusing previous version of hashicorp/local from the dependency lock file
Reusing previous version of hashicorp/aws from the dependency lock file
Using previously-installed hashicorp/local v2.4.1
Using previously-installed hashicorp/aws v5.31.0
```




```
terraform has been successfully initialized!
```

You may now begin working with Terraform. Try running "terraform plan" to see any changes that are required for your infrastructure. All Terraform commands should now work.

```
If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.
```

```
+ enable_dns_hostnames = true
+ enable_dns_support = true
+ enable_network_address_usage_metrics = (known after apply)
+ existing_default_vpc = (known after apply)
+ force_destroy = false
+ id = (known after apply)
+ instance_tenancy = (known after apply)
+ ipv6_association_id = (known after apply)
+ ipv6_cidr_block = (known after apply)
+ ipv6_cidr_block_network_border_group = (known after apply)
+ main_route_table_id = (known after apply)
+ owner_id = (known after apply)
+ tags = {
  + "Name" = "Default VPC"
}
+ tags_all = {
  + "Name" = "Default VPC"
}
}
```

```
: 2 to add, 0 to change, 0 to destroy.
```

Four VPCs (1) Info							Actions ▾	Create VPC
<input type="text" value="Search"/>						< 1 > 		
	Name ▾	VPC ID ▾	State ▾	IPv4 CIDR ▾	IPv6 CIDR			
	Default VPC	vpc-0512bccd19ace4ba7	 Available	172.31.0.0/16	-			

