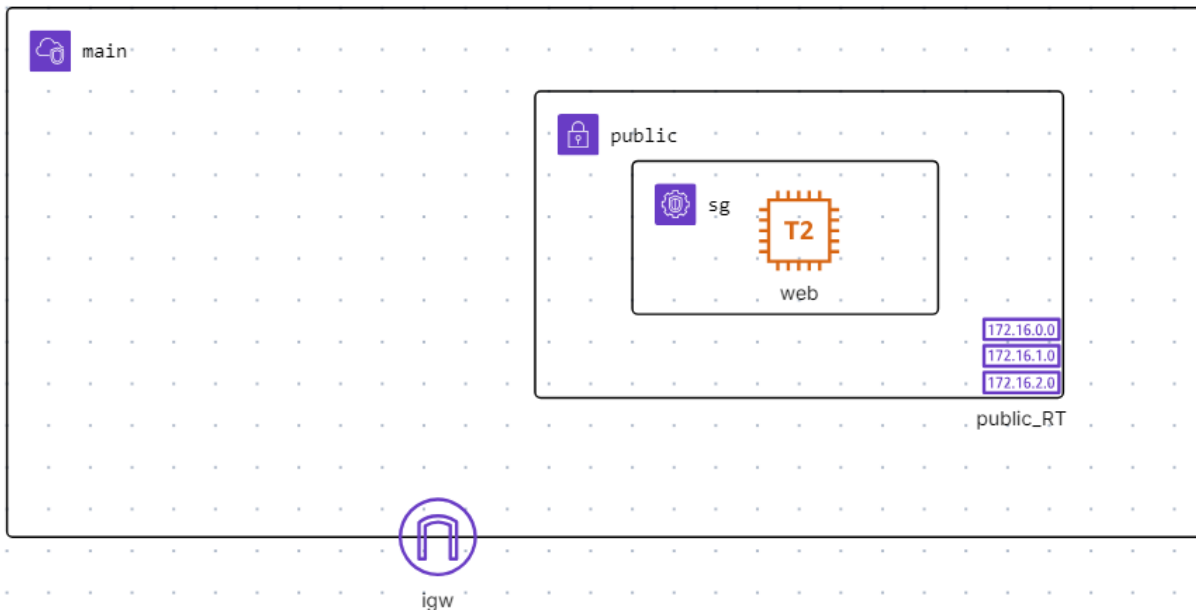


EC2 with SG



```
resource "aws_vpc" "main" {
  cidr_block = "10.0.0.0/16"
  tags = {
    Name = "main"
  }
}

resource "aws_subnet" "public" {
  vpc_id = aws_vpc.main.id
  cidr_block = "10.0.1.0/24"
  availability_zone = "us-east-1a"
  tags = {
    Name = "public-subnet"
  }
}

resource "aws_internet_gateway" "igw" {
  vpc_id = aws_vpc.main.id
  tags = {
    Name = "igw"
  }
}
```

```
resource "aws_route_table" "public_RT" {
  vpc_id= aws_vpc.main.id
  route {
    cidr_block="0.0.0.0/0"
    gateway_id= aws_internet_gateway.igw.id
  }
}

resource "aws_route_table_association" "public_RT_ASSOC" {
  subnet_id= aws_subnet.public.id
  route_table_id= aws_route_table.public_RT.id
}
```

```
resource "aws_security_group" "sg" {
  name= "sg"
  vpc_id= aws_vpc.main.id

  ingress {
    from_port= 22
    to_port= 22
    protocol= "tcp"
    cidr_blocks= ["0.0.0.0/0"]
  }
  ingress {
    from_port= 80
    to_port= 80
    protocol= "tcp"
    cidr_blocks= ["0.0.0.0/0"]
  }
  egress {
    from_port= 0
    to_port= 0
    protocol= "-1"
    cidr_blocks= ["0.0.0.0/0"]
  }
}

resource "aws_instance" "web" {
  ami = "ami-0c02fb55956c7d316"
  instance_type = "t2.micro"
  subnet_id = aws_subnet.public.id
  vpc_security_group_ids = [aws_security_group.sg.id]
}
```

Your VPCs (2) [Info](#)

Search

Name

VPC ID

State

main

[vpc-0cc62f0a5fbf540b7](#)

Available

Subnets (1) [Info](#)

Find resources by attribute or tag

Name

Subnet ID

State

public-subnet

[subnet-038ca412b31d6a8b6](#)

Available

Internet gateways (1) [Info](#)

Search

Name

Internet gateway ID

State

igw

[igw-0cbecc4b7e406bf99](#)

Attached

Route tables (1/4) [Info](#)

Find resources by attribute or tag

<div><div></div><div></div></div>	Name	Route table ID	Explicit subnet associ...
<div><div></div><div></div></div>	bhvhv	rtb-0e23f06e5792893da	-
<div><div></div><div></div></div>	-	rtb-04b96aec94ac6c95b	subnet-038ca412b31d6a...
<div><div></div><div></div></div>	-	rtb-080d5b50fdcf6b2b	-
<div><div></div><div></div></div>	-	rtb-0b7ca0ca4e8e85f8d	-

Details routes Subnet associations Edge associations route propagation tags

Routes (2)

Filter routes

Destination	Target	Status
0.0.0.0/0	igw-0cbecc4b7e406bf99	Active
10.0.0.0/16	local	Active

rtb-04b96aec94ac6c95b

Details

Routes

Subnet associations

Edge associations

Route propagation

Tags

Explicit subnet associations (1)

Find subnet association

Name	Subnet ID	IPv4 CIDR
public-subnet	subnet-038ca412b31d6a8b6	10.0.1.0/24

Security Groups (3) [Info](#)



Actions

Find resources by attribute or tag

<input type="checkbox"/>	Name	Security group ID	Security group name
<input type="checkbox"/>	-	sg-05a297a612ebc22c6	default
<input type="checkbox"/>	-	sg-014dd003e3126367a	default
<input type="checkbox"/>	-	sg-0a4fe9b168b3fbe3c	sg

Instances (1) [Info](#)

Last updated
less than a minute ago



Find Instance by attribute or tag (case-sensitive)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type
<input type="checkbox"/>		i-0a55dbbd7ad0556a5	Running	t2.micro