

```
resource "aws_vpc" "main" {  
  
  cidr_block      = "10.0.0.0/16"  
  
  enable_dns_support = true  
  
  enable_dns_hostnames = true  
  
}
```

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

```
resource "aws_subnet" "main" {  
  
  vpc_id      = aws_vpc.main.id  
  
  cidr_block   = "10.0.1.0/24"  
  
  map_public_ip_on_launch = true  
  
  availability_zone = "us-east-1a"  
  
}
```

```
resource "aws_subnet" "main2" {  
  
  vpc_id      = aws_vpc.main.id  
  
  cidr_block   = "10.0.2.0/24"  
  
  map_public_ip_on_launch = true  
  
  availability_zone = "us-east-1c"  
  
}
```

```
resource "aws_route_table" "public" {  
  
  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_main" {  
  subnet_id    = aws_subnet.main.id  
  route_table_id = aws_route_table.public.id  
}
```