

* Website hosting using Terraform

```
terraform {
```

```
  required_providers {
```

```
    aws = {
```

```
      source = "hashicorp/aws"
```

```
      version = "5.54.1"
```

```
    }
```

```
  }
```

```
}
```

```
provider "aws" {
```

```
  region = "ap-south-2" "ap-south-1"
```

```
}
```

```
resource "aws_s3_bucket" "mywebapp-bkt" {
```

```
  bucket = "mywebapp-bucket"
```

```
}
```


resource "aws_s3_bucket_public_access_block" "example" ^{→ Take it from AWS provider}

bucket = aws_s3_bucket.mywebapp.bucket.id

block_public_access = false

block_public_policy = false

block_restrict_public_bucket = false

}

resource "aws_s3_bucket_policy" "mywebapp" { ^{Take from document}

bucket = aws_s3_bucket.mywebapp.bucket.id ^{AWS provider}

policy = jsonencode (

{

Version = "2012-10-17"

statement = [

{

sid = "publicReadGetObject",

effect = "Allow",

principal = "*",

Action = "s3:GetObject",

Resource = "arn:aws:s3:::\${aws_s3_bucket.mywebapp.bucket.id}/*"

}

}

}

}


```

resource "aws_s3_object" "index.html" {
  bucket = aws_s3_bucket.mywebapp_bucket.bucket
  source = "./index.html"
  key = "index.html"
  content_type = "text/html"
}

```

```

resource "aws_s3_object" "styles.css" {
  bucket = aws_s3_bucket.mywebapp_bucket.bucket
  source = "./styles.css"
  key = "styles.css"
  content_type = "styles.css"
}

```

```

output "name" {
  value = aws_s3_bucket_website_configuration.mywebapp-
    website._endpoints
}

```