



## Exercise 7.1: Install Apache and create a simple `index.html` file to serve

Include text to indicate this is the default server.

### Solution 7.1

#### 1. Make sure **Apache** is installed:

- On **CentOS**:

```
# yum install httpd mod_ssl
```

- On **OpenSUSE**:

```
# zypper install apache2
```

- On **Ubuntu**:

```
# apt-get install apache2
```

#### 2. Create an **index.html** file to serve with **Apache** in the default **DocumentRoot**.

The contents of the **index.html** file should be:

```
<html>
<head>
  <title>This is my file</title>
</head>
<body>
  <h1>This is my default file</h1>
</body>
</html>
```

The default DocumentRoot directories are:

- On **CentOS, Ubuntu**:

```
/var/www/html/
```

- On **OpenSUSE**:

```
/srv/www/htdocs/
```

#### 3. Make sure **Apache** is enabled and started:

- On **systemd** distributions:

```
# systemctl enable httpd
# systemctl start httpd
or
# systemctl enable apache2
# systemctl start apache2
```

#### 4. Verify the page you created is visible using a web browser.

```
$ firefox http://<YOUR_IP_ADDRESS>/index.html
or
$ w3m -dump http://<YOUR_IP_ADDRESS>/index.html
```