

## Tasks To Be Performed:

1. Pull Ubuntu container
2. Run this container and map port 80 on the local
3. Install Apache2 on this container
4. Check if you are able to access the Apache page on your browser

### 1. Pull Ubuntu container

```
aws | [Search] [Alt+S]

root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache# docker pull ubuntu:latest
```

### 2. Run this container and map port 80 on the local

```
aws | [Search] [Alt+S]

root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache# docker pull ubuntu:latest
latest: Pulling from library/ubuntu
1a21c96bc16: Pull complete
Digest: sha256:728785b59223d755e3e5c5af178fab1be7031f3522c5ccd7a0b32b80d8248123
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache#

root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache# docker run -dit --name ubuntu-apache -p 80:80 ubuntu:latest
0692e2bdfca5ec9220f69c752345b8c774b20403de753e841dccf4578ed5f26
root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache#
```

### 3. Install Apache2 on this container

```
root@ip-172-31-29-140:/home/ubuntu/ubuntu-apache# docker exec -it ubuntu-apache bash
root@0692e2bdfca:/#

root@0692e2bdfca:/# apt update
```

```

root@0692e2bdffca:/# apt update
Get:1 http://archive.ubuntu.com/ubuntu noble InRelease [256 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [331 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble/main amd64 Packages [1808 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/universe amd64 Packages [19.3 MB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1527 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble/restricted amd64 Packages [117 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2625 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1925 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [38.9 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1887 kB]
Get:14 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [49.4 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [33.9 kB]
Get:16 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [1138 kB]
Get:17 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [34.6 kB]
Get:18 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2498 kB]
Fetched 34.0 MB in 3s (13.2 MB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
3 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@0692e2bdffca:/#

```

```

root@0692e2bdffca:/# apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  adduser apache2-bin apache2-data apache2-utils ca-certificates krb5-locales libapr1t64 libap
  libcurl4t64 libexpat1 libgdbm-compat4t64 libgdbm6t64 libgssapi-krb5-2 libicu74 libjansson4 l
  libldap2 liblua5.4-0 libnghttp2-14 libperl5.38t64 libpsl5t64 librtmp1 libsasl2-2 libsasl2-m
  media-types netbase openssl perl perl-modules-5.38 publicsuffix ssl-cert
Suggested packages:
  liblocale-gettext-perl cron quota ecryptfs-utils apache2-doc apache2-suexec-pristine | apach
  libsasl2-modules-gssapi-mit | libsasl2-modules-gssapi-heimdal libsasl2-modules-ldap libsasl2
  | libterm-readline-perl-perl make libtap-harness-archive-perl
The following NEW packages will be installed:
  adduser apache2-bin apache2-data apache2-utils ca-certificates krb5-locales libapr1t64

```

CloudShell Feedback

```

invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.6) ..
Processing triggers for ca-certificates (20240203) ..
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@0692e2bdffca:/#

```

4. Check if you are able to access the Apache page on your browser

