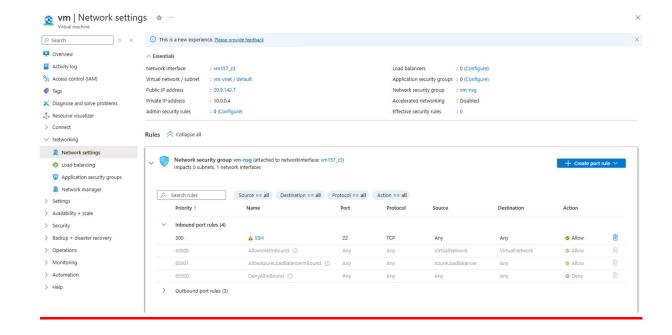
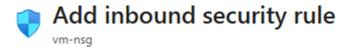
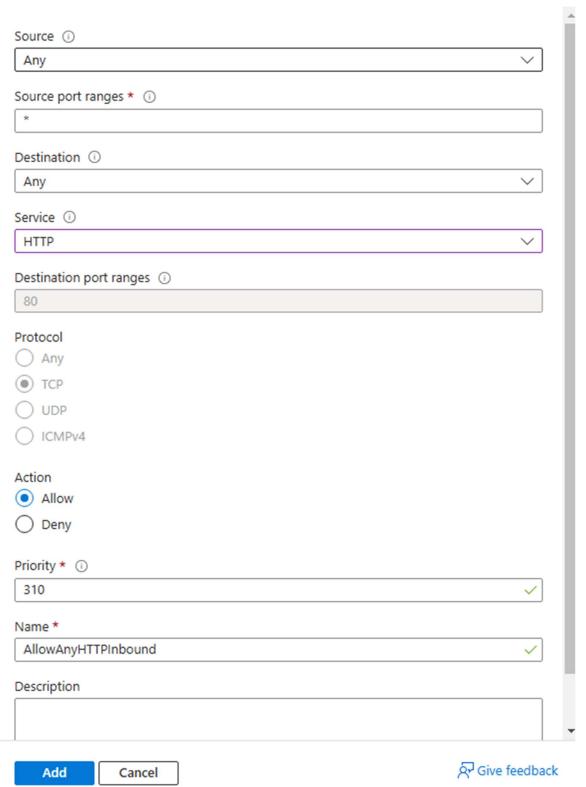
Module 6: Assignment – 4







 \times

```
Administrator: Windows Power X vm@vm: ~
Get:18 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [364 kB]
Get:19 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]
Get:20 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [759 kB]
Get:21 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [152 kB]
Get:22 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:23 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [30.1 kB]
Get:24 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [5884 B]
Get:25 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:26 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B] Get:27 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:28 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [112 B]
Get:29 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [14.2 kB]
Get:30 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [12.1 kB]
Get:31 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [20.0 kB]
Get:32 http://azure.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1104 B]
Get:33 http://azure.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:34 http://azure.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:35 http://azure.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:36 http://azure.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:37 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 Packages [670 kB]
Get:38 http://azure.archive.ubuntu.com/ubuntu noble-security/main Translation-en [128 kB]
Get:39 http://azure.archive.ubuntu.com/ubuntu noble-security/main amd64 Components [8964 B]
Get:40 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Packages [819 kB]
Get:41 http://azure.archive.ubuntu.com/ubuntu noble-security/universe Translation-en [177 kB]
Get:42 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]
Get:43 http://azure.archive.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [13.5 kB]
Get:44 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [726 kB]
Get:45 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted Translation-en [145 kB]
Get:46 http://azure.archive.ubuntu.com/ubuntu noble-security/restricted amd64 Components [208 B]
Get:47 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [26.2 kB]
Get:48 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse Translation-en [4892 B]
Get:49 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:50 http://azure.archive.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [356 B]
 02% [6 Translation-en store 0 B]
Setting up libaprutil1t64:amd64 (1.6.3-1.1ubuntu7)
Setting up libaprutill-ldap:amd64 (1.6.3-1.lubuntu7) ...
Setting up libaprutill-dbd-sqlite3:amd64 (1.6.3-1.lubuntu7) ...
Setting up apache2-utils (2.4.58-lubuntu8.5) ...
Setting up apache2-bin (2.4.58-lubuntu8.5) ...
Setting up apache2 (2.4.58-1ubuntu8.5) ...
Enabling module mpm_event.
Enabling module authz_core.
Enabling module authz_host.
Enabling module authn_core.
```

```
Enabling module auth_basic.
Enabling module access_compat.
Enabling module authn_file.
Enabling module authz_user.
Enabling module alias.
Enabling module dir.
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /usr/lib/systemd/system/apache2.service
```



Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
| `-- *.conf
|-- conf-enabled
| `-- *.conf
|-- sites-enabled
| `-- *.conf
```

- apache2.conf is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- ports.conf is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the mods-enabled/, conf-enabled/ and sites-enabled/ directories contain
 particular configuration snippets which manage modules, global configuration fragments, or virtual
 host configurations, respectively.