Date: 04/30/2021	Server Technology part 2	Topic: Linux web services configuration.

Practical Apache configuration experience

Tips 1:
First updated our server system and started server system setup. We have done creating user account before. For the backup and recovery, we took snapshot. Network security very important. Also configured OS firewall service that allow ssh, http and https. In the security group we added ssh, http and https. Also, It protest internal threats.

Command:
$ sudo apt update

For doing all configuration it took many times. At last I have done it.

Tips 2:
Interesting things is that I did go to add domain service for my server it did not work because I forgot it. This work done by some student. Teacher given then access for added us. Gitlab now added with server.

Tips added for server:
http://tips.robin.eduhou.fi/tips/1.txt
http://tips.robin.eduhou.fi/files/1.txt
http://tips.robin.eduhou.fi/txt/1.txt

Tips 3:
When I install apache to ubuntu after that my server start working. And created directory tips.robin.eduhou.fi. from /var/www. Also, configured file for the virtual host from /etc/apache2/sites_available. Cp default.conf to tips.robin.eduhou.fi.conf.
After that we enable our site using
Command:
`$ sudo apt install apache2`

will work : http://robin.eduhou.fi

Tips 4:

Virtual host configuration.

Command:

```
$ cd /var/www/
$ mkdir tips.robin.eduhou.fi
$ cd /var/www/
$ sudo vi tips.robin.eduhou.fi/index.html
$ cat tips.robin.eduhou.fi/index.html
TotD - Hello!
```

```
Created configuration file for the virtual host:
```

```
$ cd /etc/apache2/sites-available
$ sudo cp -p 000-default.conf tips.robin.eduhou.fi.conf
$ sudo vi tips.robin.eduhou.fi.conf
...
$ cat tips.robin.eduhou.fi.conf

<VirtualHost *:80>
        ServerName tips.robin.eduhou.fi
        ServerAdmin webmaster@localhost
         DocumentRoot /var/www/tips.robin.eduhou.fi
         ErrorLog ${APACHE_LOG_DIR}/tips.robin.error.log
        CustomLog ${APACHE_LOG_DIR}/tips.robin.access.log combined
</VirtualHost>
```

Enabled site:
$ sudo a2ensite tips.ada.eduhou.fi
$ sudo systemctl reload apache2