Linux Server Administration

Lab 13

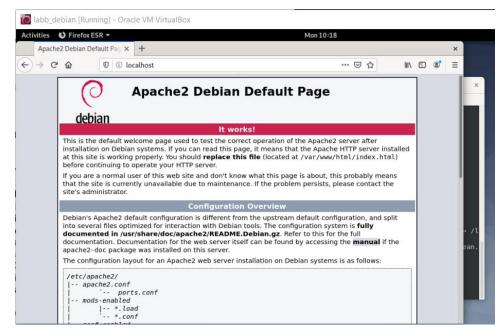
Nykonchuk Illia 245693

Apache installation

```
nykonchuk@Illia: ~
  File Edit View Search Terminal Help
 Enabling conf serve-cgi-bin.
 Enabling site 000-default.
 Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service \rightarrow /
 ib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean
elservice → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for man-db (2.8.5-2)
teprocessing triggers for systemd (241-7~deb10u7) ...
 root@Illia:~# systemctl status apache2

    apache2.service - The Apache HTTP Server

    Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset:
    Active: active (running) since Mon 2021-06-07 10:17:42 EDT; 1min 0s ago
      Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 2201 (apache2)
     Tasks: 55 (limit: 2880)
    Memory: 10.5M
    CGroup: /system.slice/apache2.service
              -2201 /usr/sbin/apache2 -k start
              —2203 /usr/sbin/apache2 -k start
—2204 /usr/sbin/apache2 -k start
 Jun 07 10:17:42 Illia systemd[1]: Starting The Apache HTTP Server...
Jun 07 10:17:42 Illia systemd[1]: Started The Apache HTTP Server.
nlines 1-14/14 (END)
```



Apache configuration

Own index.html:

```
rykonchuk@fllia:~

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GNU nano 3.2 /var/www/myfirstdomain.com/public/index.html Modified

<h1>HELLO WP /h1>

[Read 0 lines]

Get Help O Write Out W Where Is K Cut Text O Justify C Cur Pos X Exit R Read File N Replace U Uncut Text T To Spell O Go To Line
```

Configuration:

```
nykonchuk@Illia:~$ su -l
Password:
root@Illia:~# touch /etc/apache2/sites-available/myfirstdomain.com.conf
root@Illia:~# nano /etc/apache2/sites-available/myfirstdomain.com.conf
```

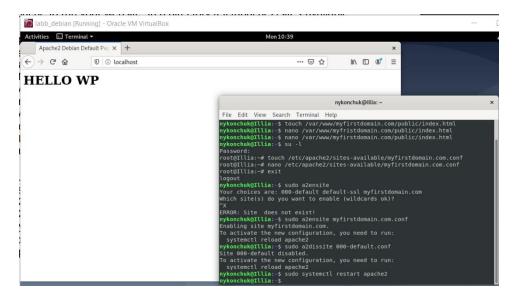
```
nykonchuk@lllia:~

File Edit View Search Terminal Help

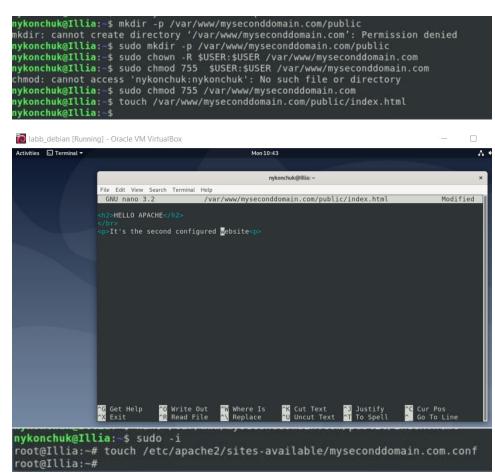
GNU nano 3.2 /etc/apache2/sites-available/myfirstdomain.com.conf Modified

<VirtualHost *:80>
ServerName myfirstdomain.com
ServerAlias www.myfirstdomain.com
DocumentRoot /var/www/myfirstdomain.com/public
ServerAdmin theadmin@server.domain
ErrorLog ${APACHE LOG DIR}/error.log
CustomLog ${APACHE LOG DIR}/access.log combined
</VirtualHost>
```

Status:

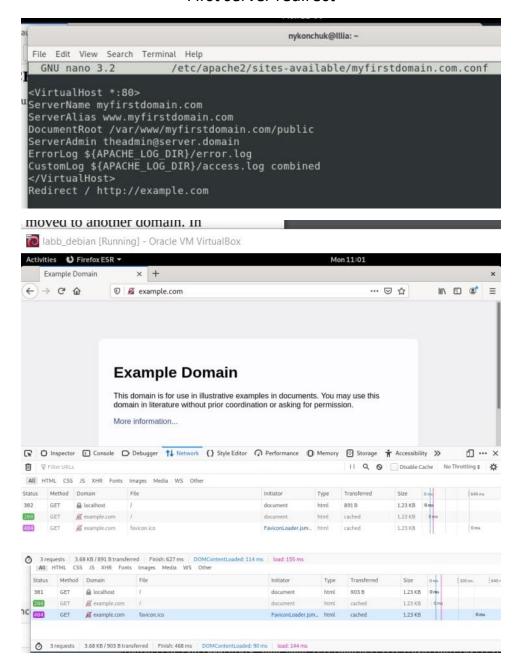


Second server:





First server redirect



Htlpasswd:

```
root@Illia:/var/www/html# mkdir /usr/local/apache/
root@Illia:/var/www/html# mkdir /usr/local/apache/passwd
root@Illia:/var/www/html# htpasswd -c /usr/local/apache/passwd/passwords nykonchuk
New password:
Re-type new password for user nykonchuk
root@Illia:/var/www/html# exit
logout
nykonchuk@Illia:~$ sudo systemctl restart apache2
[sudo] password for nykonchuk:
nykonchuk@Illia:~$

nykonchuk@Illia:~$

nykonchuk@Illia:~$

nykonchuk@Illia:~$

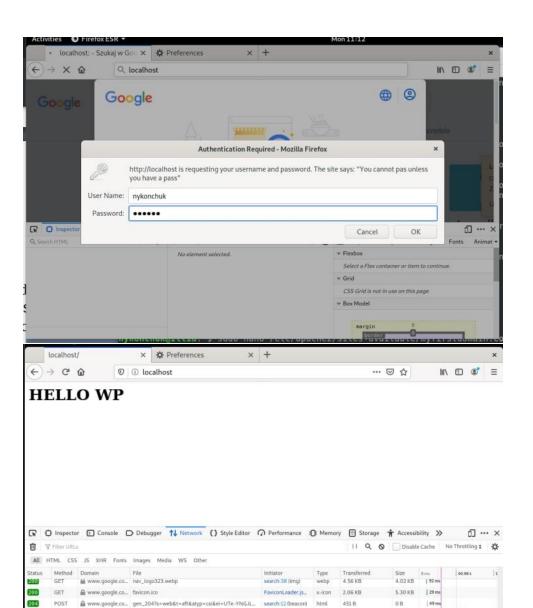
*

File Edit View Search Terminal Help

GNU nano 3.2 /etc/apache2/sites-available/myfirstdomain.com.conf

<!-- Available to the companie of the co
```

</Directory> </VirtualHost>



301 B

487 B

FaviconLoader.js... html

18 B

271 B

1ms

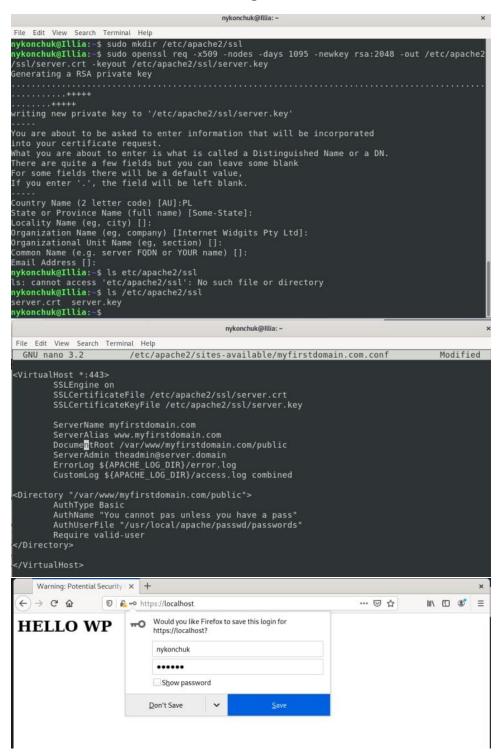
O 15 requests 368.80 KB / 143.49 KB transferred Finish: 49.08 s DOMContentLoaded: 24.08 s load: 24.14 s

favicon.ico

200

GET

SSL configuration:

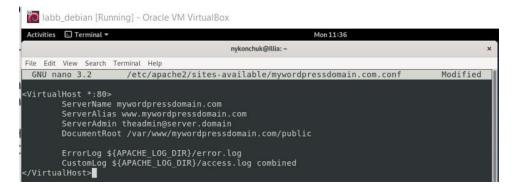


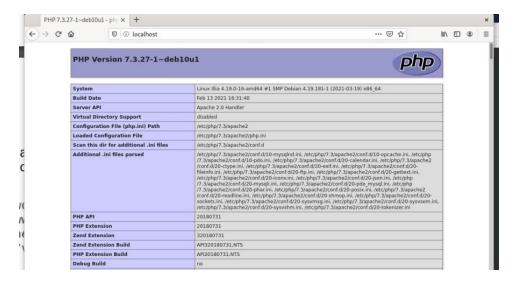
WORDPRESS:

Disable previous sites

```
nykonchuk@Illia:-$ ls /etc/apache2/sites-enabled/
myfirstdomain.com.conf myseconddomain.com.conf
nykonchuk@Illia:-$ sudo a2dissite myfirstdomain.com.conf
Site myfirstdomain.com disabled.
To activate the new configuration, you need to run:
  systemctl reload apache2
nykonchuk@Illia:~$ sudo a2dissite myseconddomain.com.conf
Site myseconddomain.com disabled.
To activate the new configuration, you need to run:
  systemctl reload apache2
nykonchuk@Illia:-$
labb_debian [Running] - Oracle VM VirtualBox
Activities ☑ Terminal ▼
                                                   Mon 11:32
                                     nykonchuk@Illia: ~
File Edit View Search Terminal Help
GNU nano 3.2
                      /var/www/mywordpressdomain.com/public/index.php
<?php phpinfo(); ?>
```

New config





Mysql

```
root@Illia:~# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 51
Server version: 10.3.27-MariaDB-0+deb10ul Debian 10
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> CREATE USER 'nykonchuk'@'localhost' IDENTIFIED BY 'wppass';
Query OK, 0 rows affected (0.000 sec)
MariaDB [(none)]> CREATE DATABASE wp_database;
Query OK, 1 row affected (0.000 sec)
MariaDB [(none)]> GRANT ALL ON 'wp_database'.* TO 'nykonchuk'@'localhost';
Query OK, 0 rows affected (0.000 sec)
MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.000 sec)
MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.000 sec)
MariaDB [(none)]> exit
Bye
```

Wordpress installation

Configuration

```
nykonchuk@lllia:~/Downloads

File Edit View Search Terminal Help

GNU nano 3.2 /etc/apache2/sites-available/mywordpressdomain.com.co

VirtualHost *:80>
ServerName mywordpressdomain.com
ServerAlias www.mywordpressdomain.com
ServerAdmin theadmin@server.domain
DocumentRoot /var/www/mywordpressdomain.com/public/wordpress

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

</VirtualHost>
```

Result:

