

Task 8:

Install PhpMyAdmin

® Install phpMyAdmin

```
yum -y install php-mysqlnd
```

```
wget https://files.phpmyadmin.net/phpMyAdmin/4.9.1/phpMyAdmin-4.9.1-all-languages.tar.gz
```

```
tar -zxvf phpMyAdmin-4.9.1-all-languages.tar.gz
```

```
mv phpMyAdmin-4.9.1-all-languages /usr/share/phpMyAdmin
```

```
rm phpMyAdmin-*.tar.g
```

Create directory for phpMyAdmin temp files.

```
mkdir -p /var/lib/phpmyadmin/tmp
```

```
chown -R apache:apache /var/lib/phpmyadmin
```

Create directory for phpMyAdmin configuration files

```
mkdir /etc/phpmyadmin/
```

Create phpMyAdmin configuration file.

```
Sudo cp /usr/share/phpmyadmin/config.sample.inc.php /usr/share/phpmyadmin/config.inc.php
```

Edit the file

```
sudo vim /usr/share/phpmyadmin/config.inc.php
```

Set a secret passphrase – Needs to be 32 chars long

```
$cfg['blowfish_secret'] = 'H2OxcGXfISd8JwrwVlh6KW6s2rER63i';
```

Configure Temp directory

```
$cfg['TempDir'] = '/var/lib/phpmyadmin/tmp';
```

Create phpMyAdmin Apache configuration file.

```
sudo vim /etc/httpd/conf.d/phpmyadmin.conf
```

Apache configuration for phpMyAdmin

```
Alias /phpMyAdmin /usr/share/phpmyadmin/
```

```
<Directory /usr/share/phpmyadmin/>
```

```
    AddDefaultCharset UTF-8
```

```
<IfModule mod_authz_core.c>
```

```
    # Apache 2.4
```

```
    Require all granted
```

```
</IfModule>
```

```
<IfModule !mod_authz_core.c>
```

```
    # Apache 2.2
```

```
    Order Deny,Allow
```

```
    Deny from All
```

Allow from 127.0.0.1

Allow from ::1

</IfModule>

</Directory>

Validate Apache configuration.

apachectl configtest

systemctl restart httpd

semanage fcontext -a -t httpd_sys_content_t "/usr/share/phpmyadmin(/.*)?"

Apply the policy

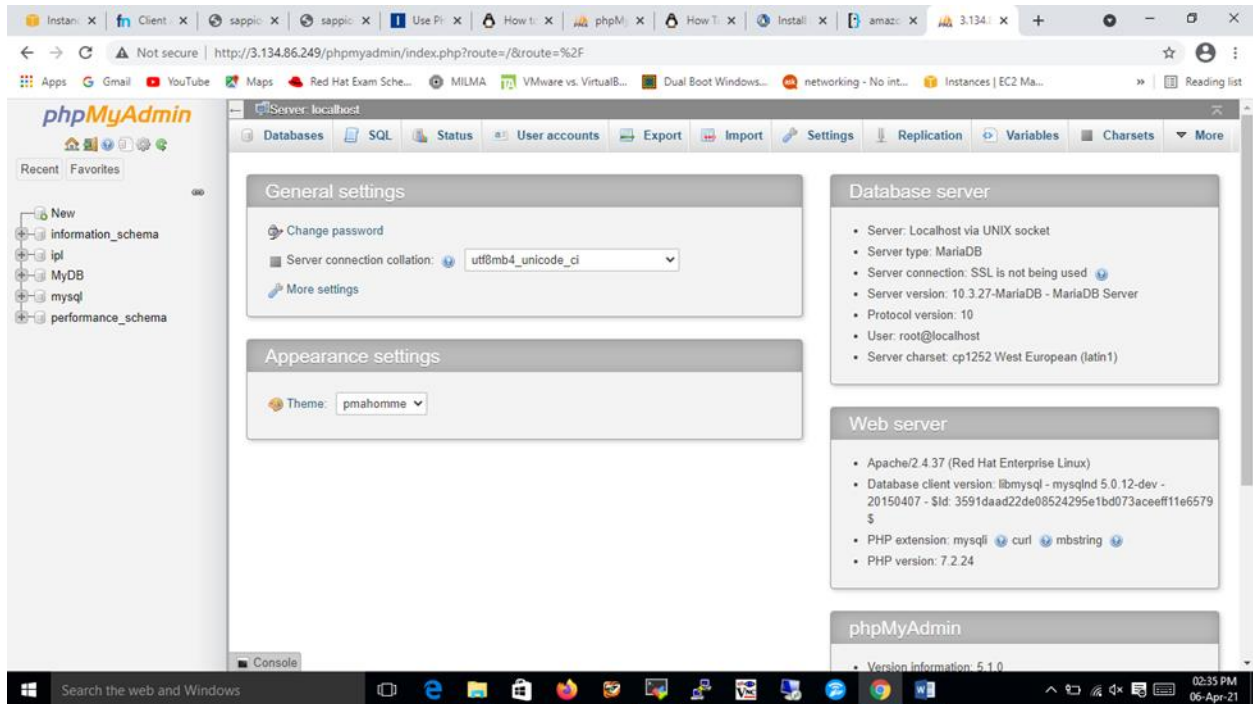
restorecon -Rv /usr/share/phpmyadmin

Allow http port in the firewall.

firewall-cmd --add-service=http --permanent

firewall-cmd --reload

Accessing phpMyAdmin



Accessing DataBase

The screenshot displays the phpMyAdmin web interface in a browser. The address bar shows the URL: `http://3.134.86.249/phpmyadmin/index.php?route=/sql&server=1&db=MyDB&table=EMPDetails&pos=0`. The interface includes a sidebar with a database tree showing 'information_schema', 'ipl', 'MyDB', 'mysql', and 'performance_schema'. The 'MyDB' database is selected, and the 'EMPDetails' table is highlighted. The main panel shows the table structure and data. A yellow banner at the top of the table view indicates 'Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)'. Below this, a SQL query is shown: `SELECT * FROM `EMPDetails``. The table view includes options for 'Show all', 'Number of rows' (set to 25), 'Filter rows' (Search this table), and 'Sort by key' (None). The table data is as follows:

	EMPID	FirstName	LastName	Email	Phone
<input type="checkbox"/>	1	MS	Dhoni	msd@csk.com	100
<input type="checkbox"/>	2	Suresh	Raina	raina@csk.com	101
<input type="checkbox"/>	3	Sourav	Ganguly	ganguly@kkr.com	102
<input type="checkbox"/>	4	Virat	Kohli	kohli@rcb.com	103
<input type="checkbox"/>	5	AB	De Villiers	abd@rcb.com	360
<input type="checkbox"/>	11	123	565	55	123
<input type="checkbox"/>	22	Natta	Rajan	nattu@csk.com	5523723
<input type="checkbox"/>	24	h1	n1	hhnn@csk.com	123
<input type="checkbox"/>	1234	Joe	Root	joe@csk.com	555
<input type="checkbox"/>	1567	Suresh	Raina	raina@csk.com	5789
<input type="checkbox"/>	2222	ravi	jadeja	ravi@csk.com	123134

The bottom of the interface shows a Windows taskbar with the search bar and various application icons. The system clock in the bottom right corner indicates the time is 02:38 PM on 06-Apr-21.