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ICS 482

11/12/2019

InfoSec Lab: PHP Sessions and Cookies

The screenshot displays the InfoSec Lab: PHP Sessions and Cookies environment. The left pane shows the lab instructions, and the right pane shows the terminal output of the setup script.

Lab Instructions (Left Pane):

- 7 Run the setup script and provide the sudo password to the previous steps with sudo privileges.**
- support@Web:~\$ LAB06A
- [sudo] password for support: P@ssw0rd
- Note: If you submit an incorrect password, then only partially run and you may have to restart the script. Also note: you should wait for the script to complete before continuing.
- support@Web:~\$ LAB06A
- [sudo] password for support: P@ssw0rd
- Challenge #1**

Terminal Output (Right Pane):

```
support@Web: ~
* Stopping web server apache2
apache2: Could not reliably determine the server's fully qualified domain name,
using 127.0.1.1 for ServerName
... waiting ...
Selecting previously unselected package apache2-mpm-prefork.
(Reading database ... 53811 files and directories currently installed.)
Unpacking apache2-mpm-prefork (from .../apache2-mpm-prefork_2.2.22-1ubuntu1_1386
.deb) ...
Setting up apache2-mpm-prefork (2.2.22-1ubuntu1) ...
* Starting web server apache2
apache2: Could not reliably determine the server's fully qualified domain name,
using 127.0.1.1 for ServerName
[ OK ]
Selecting previously unselected package libgd2-xpm.
(Reading database ... 53816 files and directories currently installed.)
Unpacking libgd2-xpm (from .../libgd2-xpm_2.0.36-rc1-dfsg-8ubuntu2_1386.deb) ...
Selecting previously unselected package dbconfig-common.
Unpacking dbconfig-common (from .../dbconfig-common_1.8.47_all.deb) ...
Selecting previously unselected package libapache2-mod-php5.
Unpacking libapache2-mod-php5 (from .../libapache2-mod-php5_5.3.10-1ubuntu3_1386
.deb) ...
Selecting previously unselected package libmcrypt4.
Unpacking libmcrypt4 (from .../libmcrypt4_2.5.8-3.1_1386.deb) ...
Selecting previously unselected package libt1-5.
```

https://lab.infoseclearning.com/php-sessions-and-cookies

PHP Sessions and Cookies

```
<?php
session_start();
?>
<html>
<body>
<?php
echo "Login Successful, Welcome " . $_SESSION['myusername'];
?>
<br>
</body>
</html>
```

CONCATENATING (.) LOGIN MESSAGE WITH USERNAME

14 Press and hold the Ctrl key and press the o key (Ctrl+o).

```
Get Help WriteOut Read File Prev Page Cut Text
Exit Justify Where Is Next Page UnCut Text
```

SAVING WITHOUT EXIT

15 Press Enter.

```
[DOS Format] /var/www/WeServer/login_success.php
[Mac Format] M-A Append M-B Backup Fi
```

Final_Alice_DT_32bit - Internet Explorer

Final_Alice_DT_32bit

PUTTY Configuration

GNU nano 2.2.6 File: /var/www/WeServer/login_success.php Modified

```
<?php
session_start();
?>
<html>
<body>
<?php
echo "Login Successful, Welcome " . $_SESSION['myusername'];
?>
<br>
</body>
</html>
```

Alice.urba...com,11.12

12:04 PM 11/12/2019

https://lab.infoseclearning.com/php-sessions-and-cookies

PHP Sessions and Cookies

Login

Username : Alice

Password : password1

Login

USER LOGIN

19 Observe the message and close the browser to terminate the PHP session.

http://urba...uccess.php

urbank.com/login_success.php

Login Successful, Welcome Alice

USER REMEMBERED

Challenge #2

BACK INFOSEC LEARNING NEXT

Final_Alice_DT_32bit - Internet Explorer

Final_Alice_DT_32bit

Mozilla Firefox

http://urba...uccess.php

urbank.com/login_success.php

Login Successful, Welcome Alice

1:10 PM 11/12/2019

Final_Alice_DT_32bit - Internet Explorer

https://lab.infoseclearning.com/lab/console/vm-1070458/Final_Alice_DT_32bit

Final_Alice_DT_32bit

View Fullscreen

Send

PUTTY Configuration

support@Web: ~

GNU nano 2.2.6 File: /var/www/WeServer/login_success.php

```
<?php
session_start();
if(!session_is_registered("myusername")){
    header("location:index.php");
}

<html>
<body>
<?php
echo "Login Successful, Welcome " . $_SESSION['myusername'];
<br>
</body>
</html>
```

line 5/15 (33%), col 10/20 (100%), char 101/234 (43%)

Get Help WriteOut Read File Prev Page Cut Text Cur Pos

Exit Justify Where Is Next Page UnCut Text To Spel

REDIRECTING NONREGISTERED CLIENTS

4 Press and hold the Ctrl key and press the x key (Ctrl+x).

line 15/15 (100%), col 1/1 (100%), char 269/268 (100%)

Get Help WriteOut Read File Prev Page Cut Text Cur Pos

Exit Justify Where Is Next Page UnCut Text To Spel

EXIT

5 Press the y key.

Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?

y Yes

Cancel

CONFIRM SAVE

6 Press Enter.

sat: /var/www/WeServer/login_success.php

Format M-A Append M-B Backup File

Format M-B Prepend

Final_Alice_DT_32bit - Internet Explorer

https://lab.infoseclearning.com/lab/console/vm-1070458/Final_Alice_DT_32bit

Final_Alice_DT_32bit

View Fullscreen

Send Ctrl+Alt+Delete

Rob

UrBank - Mozilla Firefox

Search your computer

Search

urbank.com/index.php

Please login

Welcome to UrBank

Login

Username :

Password :

Login

NONREGISTERED USER REDIRECTED TO LOGIN PAGE

Challenge #3

BACK

INFOSEC LEARNING

NEXT

Final_Alice_DT_32bit - Internet Explorer

https://lab.infoseclearning.com/lab/php-sessions-and-cookies

Mail - Brodsky, Ryan J - Outlook | Assignments - ICS 482-01 Vuln... | PHP Sessions and Cookies | ...

PHP Sessions and Cookies

line 44/64 (68%), col 6/6 (100%), char 931/1192 (78%)

Get Help | WriteOut | Read File | Prev Page | Cut Text | Exit | Justify | Where Is | Next Page | UnCut Text

EXIT

10 Press the y key.

Save modified buffer (ANSWERING "No" WILL DESTROY CHANGES) ?

y Yes | n No | C Cancel

CONFIRM SAVE

11 Press Enter.

/var/www/WebServer/index.php

M-D DOS Format | M-A Append | M-B Backup File | M-E Mac Format | M-F Prepend

CONFIRM FILE

12 Click the Firefox icon.

Creating config file /etc/phpmyadmin/

granting access to database phpmyad

verifying access for phpmyadmin@lo

Final_Alice_DT_32bit

PUTTY Configuration

support@Web: ~

GNU nano 2.2.6 File: /var/www/WebServer/index.php Modified

```
<td>Password</td>
<td></td>
<td><input name="mypassword" type="text" id="mypassword"></td>
</tr>
<td></td>
<td></td>
<td>
<input type="checkbox" name="autologin" value="1">Remember Me<br />
</td>
</tr>
<td></td>
<td></td>
<td><input type="submit" name="Submit" value="Login"></td>
</tr>
</table>
</td>
</tr>
</form>
```

line 51/64 (79%), col 6/6 (100%), char 1035/1186 (87%)

Get Help | WriteOut | Read File | Prev Page | Cut Text | Exit | Justify | Where Is | Next Page | UnCut Text | To Spell

Alice.urba

com.11.12

Always | Never | Only on clean exit

About | Open | Cancel

Final_Alice_DT_32bit - Internet Explorer

https://lab.infoseclearning.com/lab/php-sessions-and-cookies

Mail - Brodsky, Ryan J - Outlook | Assignments - ICS 482-01 Vuln... | PHP Sessions

PHP Sessions and Cookies

urbank.com/index.php

Generate

Welcome to UrBank

Login

Username :

Password :

☐ Remember Me

Login

RESULT OF ADDED HTML

14 Execute the following command to open checklogin.php into

and to display the current line.

support@Web:~\$ sudo nano -c /var/www/WebServer/checklogin

support@Web:~\$

support@Web:~\$

support@Web:~\$ sudo nano -c /var/www/WebServer/checkl

Final_Alice_DT_32bit

UrBank - Mozilla Firefox

UrBank

Preferences

urbank.com/index.php

Please login

Welcome to UrBank

Login

Username :

Password :

☐ Remember Me

Login

