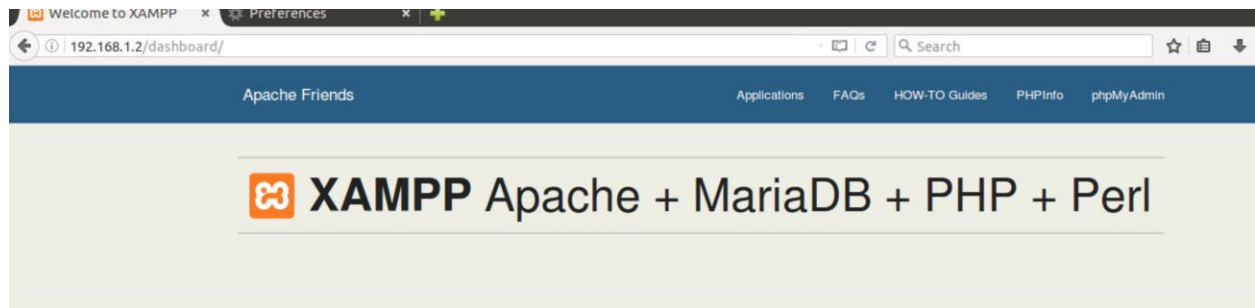# ASSIGNMENT 6

Network Security

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Changing Text in Webpage Using Fiddler, Man in the Middle

Here we want to change XAMP webpage text replacing all XAMPP words with UNB. I changed all of it to UNB HERE! Just for fun and have difference.
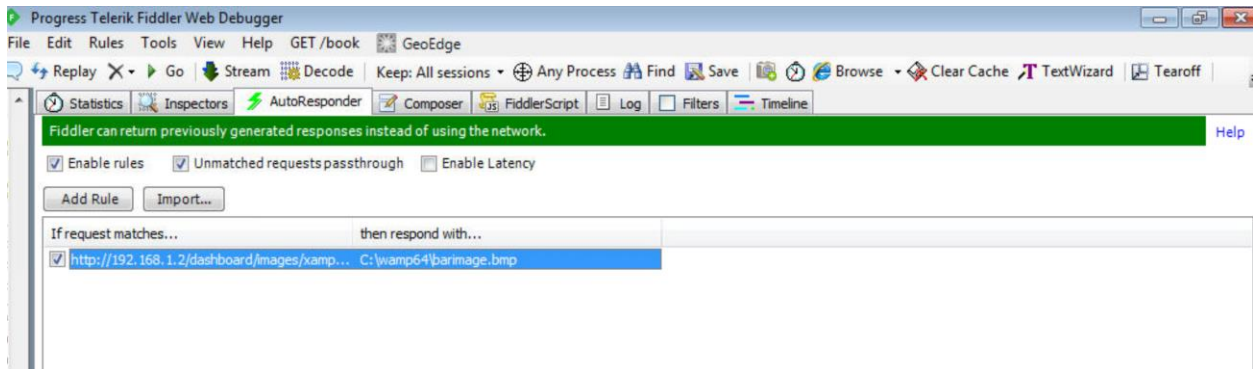
The first XAMPP page looks like below:

You can see there are 3 XAMPP word just in this image.

In the Handson we first changed the XAMPP logo with different image like wampp server logo. We used Fiddler Autoresponse to change the image. We added a rule that if the image was requested it changes to something else like below:

It looks like below after doing so in ubuntu victim:
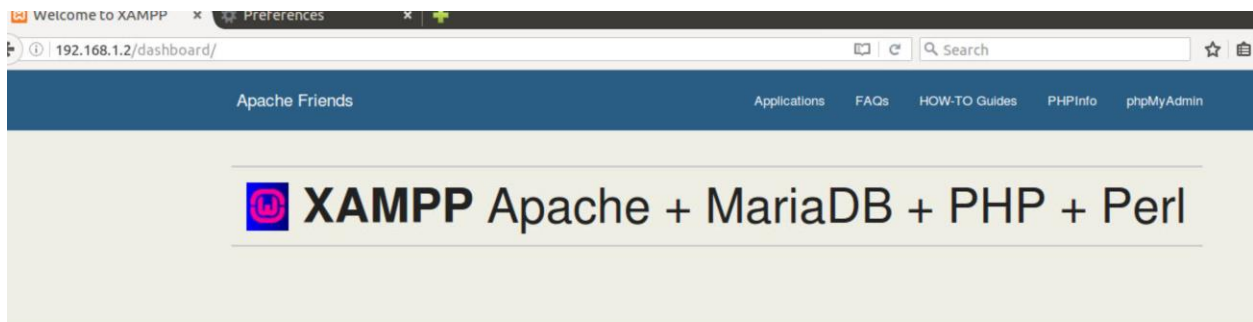
Then we wanted to changed the text of the webpage. For this we have to use fiddler script tab. It is used to write scripts for changing responses or requests that comes from different host.

We added our script in the OnBeforeResponse function of the fiddler script. It looks like below:

```
static function OnBeforeResponse(oSession: Session) {
    if (m_Hide304s && oSession.responseCode == 304) {
        oSession["ui-hide"] = "true";
    }

    if(oSession.HostnameIs("192.168.1.2") && oSession.oResponse.headers.ExistsAndContains("Content-Type","text/html")){
        oSession.utilDecodeResponse();
        oSession.utilReplaceInResponse('XAMPP', 'UNB Here');
    }
}
```

The figure is just for one function out of many functions in fiddler script. There are also functions for before request and response as well as peek response and request that can be modified.

Script:

```
if(oSession.HostnameIs("192.168.1.2")                                    &&
oSession.oResponse.headers.ExistsAndContains("Content-Type","text/html")){
    oSession.utilDecodeResponse();
    oSession.utilReplaceInResponse('XMAPP','UNB');}
```

After saving the script and refreshing the page in ubuntu victim we can see below:
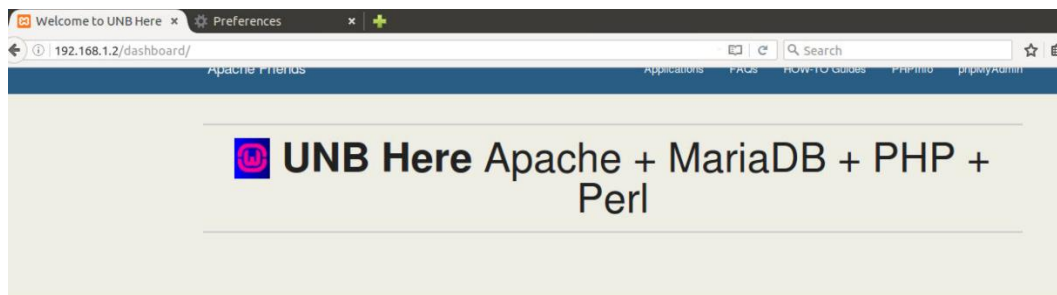
Start the UNB Here Control Panel to check the server status.

Community

UNB Here has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our Forums, adding yourself to the Mailing List, and liking us on Facebook, following our exploits on Twitter, or adding us to your Google+ circles.

Contribute to UNB Here translation at translate.apachefriends.org.

Can you help translate UNB Here for other community members? We need your help to translate UNB Here into different languages. We have set up a site, translate.apachefriends.org, where users can contribute translations.

Install applications on UNB Here using Bitnami

Apache Friends and Bitnami are cooperating to make dozens of open source applications available on UNB Here, for free. Bitnami-packaged applications include Wordpress, Drupal, Joomla! and dozens of others and can be deployed with one-click installers. Visit the Bitnami UNB Here page for details on the currently available apps.

We can see that every where that had the word "XAMPP" in it got replaced by "UNB HERE" as it was indicated in the script.

We can change any html or css in the web page using fiddler script.

Also we can change the request to redirect any request to that page to any malicious webpage that may endanger user computer with worms or adware.