Web Application Pentesting

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Remote File Inclusion Vulnerability Basics

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Remote File Inclusion

- User editable input is used to include other files in execution flow
- Input is not sanitized and can lead to arbitrary files being included by a malicious user
- In PHP, include, include_once, require, require_once are responsible for File Inclusions

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Typical Vulnerable File

```
<?php

        echo "File included: ".$_REQUEST["file"]."<br>";
        echo "<br><br>";
        include $_REQUEST["file"];
        echo "<br><br>";

?>
```

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Required PHP Configuration for RFI

/etc/php5/apache2/php.ini

```
814
815 ; Whether to allow include/require to open URLs (like http:// or ftp://) as files.
816 ; http://php.net/allow-url-include
817 allow_url_include = On
```

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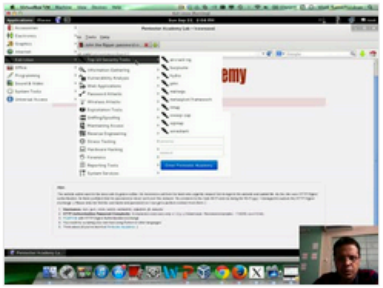
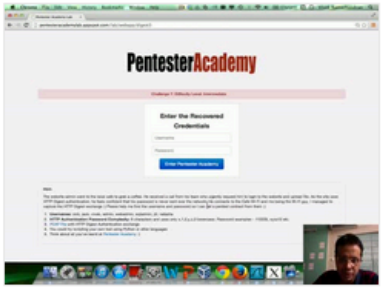


Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



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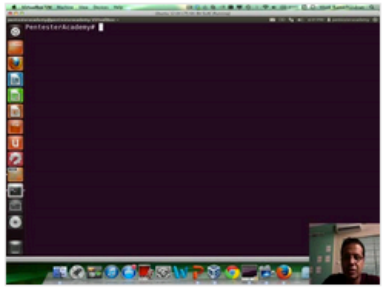
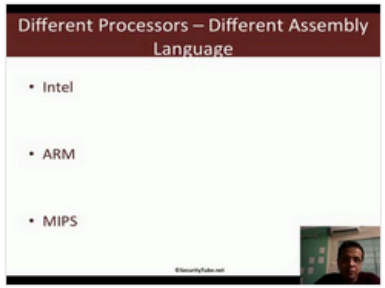


Module 1: GDB Test Solution in x86_64 Assembly Language and Shellcoding on Linux



Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux

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