SecurityTube Python Scripting Expert (SPSE)

http://www.securitytube.net

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Course Instructor

Module 9: Exam Pattern and Mock Exam

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How will the Exam be conducted?

- Live exam to be taken online

- 5 Python Scripting challenges

- Have to solve at least 3 to be an SPSE

- 6 hours of total running time!

Mock Exam Sample Question

We have setup a web server at http://XXX

Code a Python Script to scrape the HTML and

– list all the forms and respective fields

– try SQL Injection on each of the fields using a database of possibilities from a given file

• Submit the script and the form fields returning +ve for SQL Injection

Mock Exam Sample Question

Create a Python script which allows you to inspect the "bind" network call and logs the port and IP address used

- Can be standalone or a Plugin
- Works on Windows

Mock Exam Sample Question

- Write a simple web crawler which fetch the robots.txt file of a website
  - run your crawler on the top 1000 sites a ranked by Alexa
  - report on the top 40 directory names which are disallowed for robots

Mock Exam Sample Question

Write a IMAP Client script which can download all the email from a IMAP server and store them in a Sqite DB locally

- we will provide IP and Auth details

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