

# SecurityTube Linux Assembly Expert (SLAE<sup>64</sup>)



## SecurityTube Linux Assembly Expert

Training: <http://www.SecurityTube-Training.com>

Pentester Academy: <http://www.PentesterAcademy.com>

Vivek Ramachandran  
SWSE, SMFE, SPSE, SGDE, SISE, SLAE<sup>32,64</sup> Course Instructor

# Module 2: Introduction to Shellcoding

## 7. RIP Relative Addressing

Vivek Ramachandran

SWSE, SMFE, SPSE, SGDE, SISE, SLAE<sup>32</sup> Course Instructor

<http://SecurityTube-Training.com>

# RIP Relative Addressing

- Available in 64-bit mode only
- Aimed at writing Position Independent Code
- Address computed relative to RIP

# Using RIP Relative Addressing

- DEFAULT REL
- `lea rsi, [rel variable]`

# Pentester Academy

PentesterAcademy

a SecurityTube.net initiative



TOPICS

PRICING

WHY SUBSCRIBE

MEMBER ACCESS



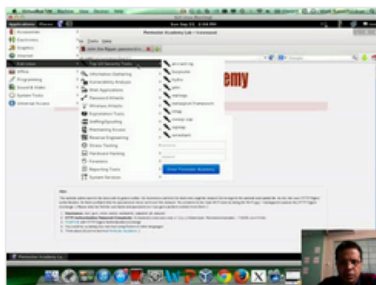
## Revolutionizing Infosec Training

Highly Technical, Hands-on, Affordable

Start Learning Today!

## Latest Videos

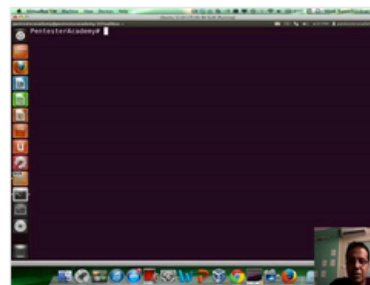
New content added weekly!



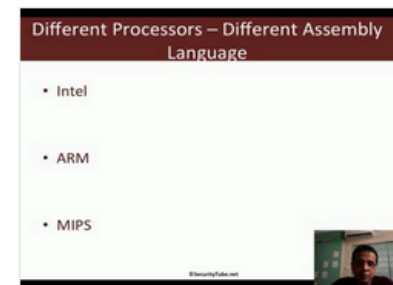
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



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