



## **Mantra – Security Framework**

Free and Open Source Browser based Security Framework



## **Netscape Navigator**

1994-1995



## **Internet Explorer**

Microsoft came up with IE



## **Then it was time of Opera**

Even though it was paid software at that time



## **Then Firefox came**

With lots of bells and whistles



## **Google Chrome**

Google's own web browser



## Mantra

Hack3r's browser.!!!

What, Where, When, Why, Who and How

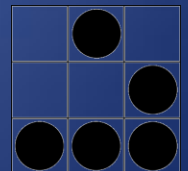
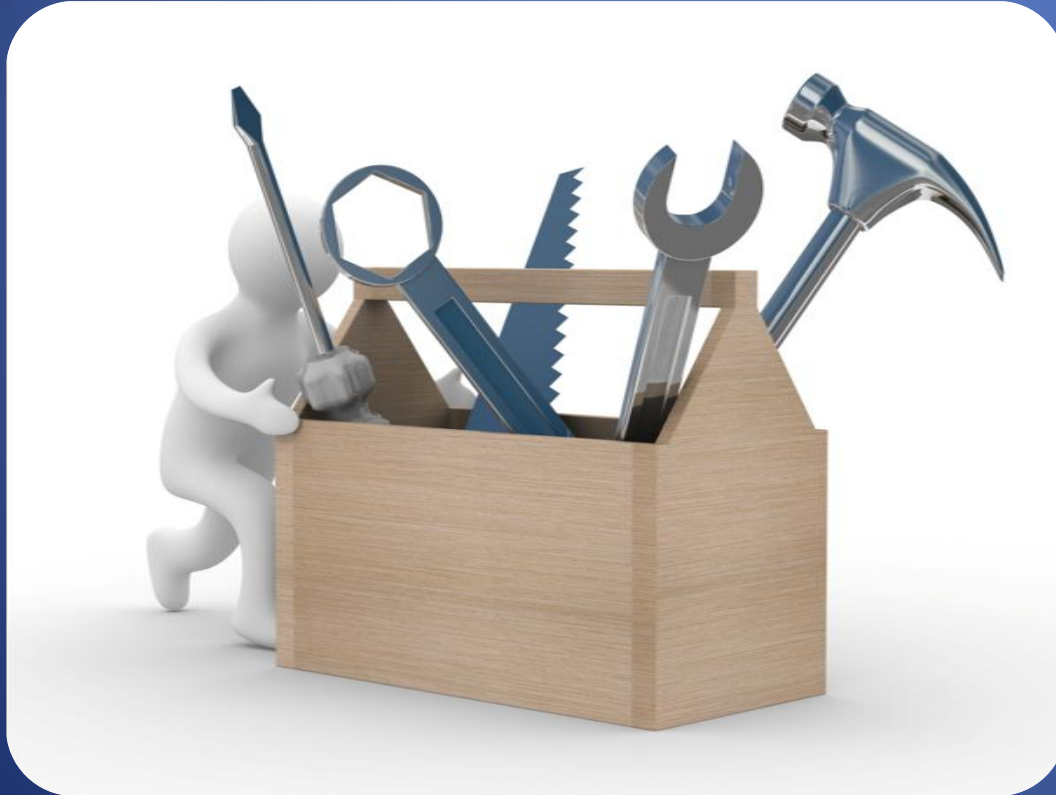
**W<sub>5</sub>H**

# What?

- What is Mantra?
- What is the use?
- What Mantra is NOT?

# What is Mantra ?

- Collection of hacking tools / add-ons



# What is Mantra ?

- A security framework that can aid in exploit development
  - Security toolkit as of now
- Its built on top of browser



# What is Mantra ?

- Cross platform and flexible
- Free as in “Free Beer” and “Free Speech”
- Open Source





# What is the use?

- All the five phases of attacks
  - Reconnaissance
  - Scanning and enumeration
  - Gaining access
  - Escalation of privileges
  - Maintaining access and
  - Covering tracks

# What Mantra is NOT?

- Not a one click Pwnage tool
- Not mature enough to suit a particular need
  - Don't uninstall your Metasploit and W3af
- Not a replacement for your normal browser
- Not completely integrated

# Why Mantra?

- Plenty of extensions available officially and unofficially
- Analyzing each and every extension is tedious task
- Many extensions going unnoticed
- Security researchers should know the power of browser platform

# When you will be needing Mantra?

- TIME
  - Life is all about timing



# Where?

- Where you can find it
  - Website
    - [getmantra.com](http://getmantra.com)
    - [owasp.org/index.php/OWASP\\_Mantra\\_-\\_Security\\_Framework](http://owasp.org/index.php/OWASP_Mantra_-_Security_Framework)
    - [code.google.com/p/getmantra](http://code.google.com/p/getmantra)
    - [sourceforge.net/projects/getmantra/](http://sourceforge.net/projects/getmantra/)
  - Forums
    - [getmantra.com/forums/](http://getmantra.com/forums/)
  - Social Network
    - [twitter.com/getmantra](https://twitter.com/getmantra)
    - [facebook.com/getmantra](https://facebook.com/getmantra)

# Who all needs it?

- If you are into
  - Auditing
  - Penetration testing
  - Vulnerability Assessment
  - Training

# Who all needs it?

- If you are a
  - Black Hat
  - White Hat and/or
  - Grey Hat



# Who all are behind it?

- Core Team
  - Sheeba V Sudevan
  - Shahin R Krishna
  - Gokul C Gopinath
  - Abhi M Balakrishnan
  - Yashartha Chaturvedi
- Testers
  - HackIT Team





# How I can contribute?

- Become part of the community
- Code | Modify --> Extensions | Framework
- Design
  - Themes
  - Artworks



# How it works, looks ?

- Let me show you a demo

<http://clubhack.blip.tv/file/4782270/>  
<http://clubhack.blip.tv/file/4782285/>  
<http://clubhack.blip.tv/file/4782289/>



So long and thanks for all the attention 😊

**THANK YOU.!!!**



**Team Mantra**

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