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# WE ARE A LEARNING PLATFORM

## About Us

Armour Infosec is a piece of knowledge and technical security solutions providing Company. We are a part of the Genext Group. We are delivering technology services and training to students and professionals. We are specialized in IT Security, Ethical Hacking, Cyber Security, Network Security, Website Security, Wireless Security, Web Designing And Development, Search Engine Optimization, Android Application Development, Network Support And Annual Maintenance Contract, Hardware & Networking and more. We give students the best of our knowledge which helps them for their bright future.

Ethical hackers use their knowledge to secure and improve the technology of organizations. They provide an essential service to these organizations by looking for vulnerabilities that can lead to a security breach.

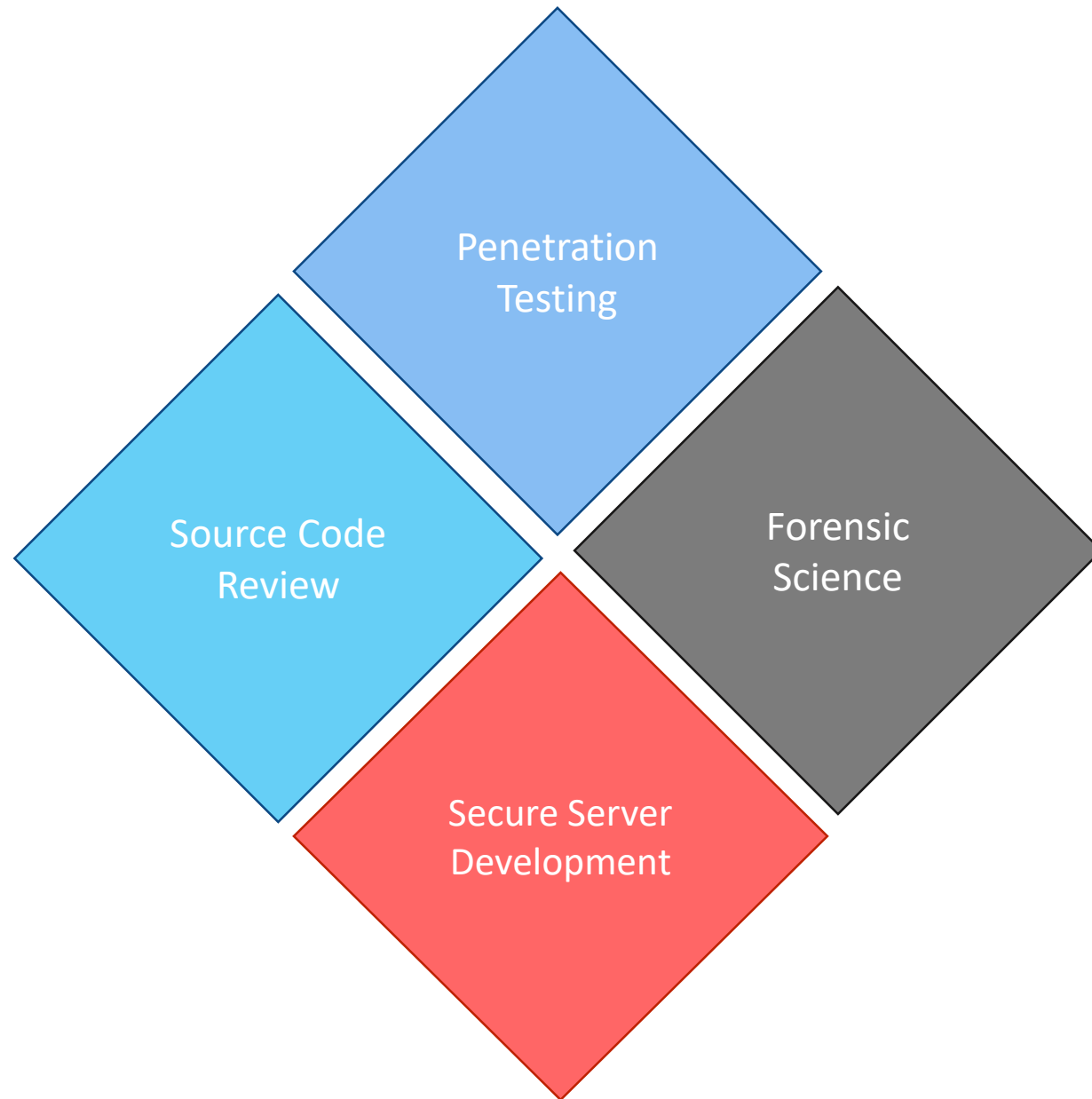
An ethical hacker reports the identified vulnerabilities to the organization. Additionally, they provide remediation advice. In many cases, with the organization's consent, the ethical hacker performs a re-test to ensure the vulnerabilities are fully resolved.

We believe in quality, client and student's satisfaction more than anything else. Education is very necessary for all and we are providing it in a manner that our trainees get the best in the industry.

# WHY CHOOSE US



- **Our Quality Training and Professional Services.**
- **Necessary Theory and Maximum Practical.**
- **We teach Manual Methods Instead of Automate tools.**
- **Evening, Morning and Weekend batches available.**
- **Network administration and Development in Core.**
- **Amazing Ambience with skillful Trainees.**
- **We Provide Study Material with Necessary Tools and Practical Sessions.**
- **We held Workshops and Seminars on the Current topics of system Hacks.**



# OUR COURSES



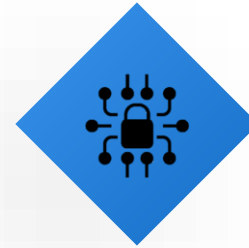
**Certified Information  
Security Expert**



**Armour Infosec Certified  
Ethical Hacking Penetration  
Testing Expert**



**Armour Infosec Certified  
Computer Hacking &  
Forensic Expert**



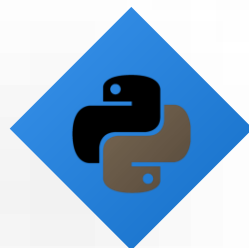
**Certified Network Security  
Expert**



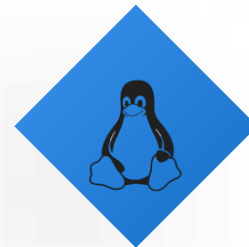
**Certified Web Security  
Expert**



**Certified Wireless Security  
Expert**



**Python for Hackers**



**Certified Linux Server  
Administrator**



**Certified Windows Server  
Administrator**

## OUR COURSE

# Certified Linux Server Administrator



The Linux operating system is flexible and scalable, and as an Open Source OS, it is continually improved upon and enhanced. In this course, you gain the knowledge and skills required to build, manage and fine-tune Linux platforms to meet your organization's critical and ongoing IT needs.

In this course, we'll look at what Linux is used for in the enterprise. Able to differentiate between different versions of Linux and understand to use in an enterprise environment. you will be able to demonstrate different Linux commands and how they are used. You will also be able to interact with a Linux system. we will explore Linux authentication mechanisms and how to add users and user controls to a Linux system. You should be able to demonstrate how to appropriately add users to a Linux machine and secure them, Managing Users and Groups, Linux File Security, Shell Scripting, The Linux File System, Controlling Processes, System Backups, Basic Networking, The Apache Web Server, Troubleshooting the System, NFS, NIS, DHCP, DNS and Introduction to System Security

### DURATION



2 hours/ day X 60 days

### ENROLL NOW



TITLE HERE

# Certified Information Security Expert



## What are the Objectives of the course?

- Implement technical strategies, tools, and techniques to secure data and information for your organization.
- Adhere to ethical security behavior for risk analysis and mitigation
- Understand security in cloud computing architecture in depth
- Comprehend legal requirements, privacy issues and audit process methodologies within the cloud environment
- Focus on IT compliance and the integrity of enterprise systems to establish a more secure enterprise IT framework

## What are the Required Skillsets?

- Information security analysts must have strong analytical skills. They have to be able to study computer systems, assess any potential risks, and consider possible solutions.
- Creativity is critical for information security analysts. They must be able to anticipate cyber-attacks, always thinking one step ahead of a cyber threat. This kind of forward-thinking takes creativity.
- Threats to cybersecurity are always changing, as are solutions. Information security analysts have to constantly update their knowledge on the latest data-protection news, cyber-security legislation, and practices and techniques.

## What are the career benefits of this training?

- Cybersecurity is vital for career roles such as penetration tester, cybersecurity analyst, network analyst, cybersecurity auditor, cybersecurity architect, forensics investigator, and many more.
- There are 2000+ cybersecurity jobs in India and 40,000+ in the US (Indeed.com). Cybersecurity job roles are expected to rise to six million worldwide by 2019.
- Expertise your skills in the management side of information security, including topics like governance, program development, and program, incident, and risk management.

# Units Covered



Windows Server



Red Hat Linux Server



WordPress



Secure Development in PHP



Python for Hackers



Ethical Hacking & Penetration  
Testing



# Red Hat Linux Server



This module looks at what Linux is used for in the enterprise. Able to differentiate between different versions of Linux and understand to use in an enterprise environment. you will be able to demonstrate different Linux commands and how they are used. As Linux servers are 80% of the enterprise sector. You will also be able to interact with a Linux system. we will explore Linux authentication mechanisms and how to add users and user controls to a Linux system. You should be able to demonstrate how to appropriately add users to a Linux machine and secure them. Learn about different servers Dynamic Host Configuration Protocol, DNS, Squid Proxy, Apache Web Server, File Transfer Protocol, Samba, Remote Desktop.

## MODULE 01: INTRODUCTION TO LINUX

- UNIX, Linux and Open Source
- What is Linux?
- Directory structure of Linux
- Linux Installation
- Login Method in Linux
- Run level

## MODULE 02: LINUX BASIC COMMANDS

- Find Your Way (ls , pwd , cd)
- Create , Remove Directories and Files (mkdir , touch, rmdir ,rm)
- Copy , Move and Rename files and directories
- Cat Command
- Less Command
- Pipes and Redirects
- Archive and Compress
- Compression Tools
- Archiving Tools
- Symbolic Links
- Shortcuts

## MODULE 03: TEXT EDITOR

- Cat
- Nano
- Vi / Vim

## MODULE 04: STRING PROCESSING AND FINDING FILES

- String Processing ( head , tail ,wc, sort , cut ,paste )
- String Process ( grep )
- String Process (awk)
- String Process (Sed)
- Find and Locate



# Red Hat Linux Server

## MODULE 05: USERS, GROUPS AND PERMISSIONS

- Users and Groups
- /etc/passwd file
- /etc/shadow file
- /etc/group file
- Adding Users
- Modifying User Accounts
- Deleting User Accounts
- Working with Groups
- Setting User Environments
- Root Login
- Sharing Superuser Privileges with Others (su and sudo Commands)
- File Permissions
- Directory Permissions
- Octal Representation
- Changing Permissions
- Setting Default Permissions
- SUID Bit
- SGID Bit
- Setting the Sticky Bit

## MODULE 06: PACKAGE MANAGEMENT

- Installing Packages Using RPM
- Installing Packages Using Yum
- Yum Repositories

## MODULE 07: FILE SYSTEM & DISK MANAGMENT

- Parted Utility
- Fdisk Utility
- Mounting a File System
- The /etc/fstab File
- Quota Managment
- SWAP (Partitions and Files)
- Logical Volume Manager (LVM)
- Software RAID

## MODULE 08: NETWORK CONFIGURATION AND CONTROLLING SERVICES

- Network Configuration
- Network Tools
- Network Clients (ssh , scp , ftp ,wget)
- Rsync
- Check the status of services
- is service active , is service enabled?!
- List the Active/Inactive state of loaded units
- Start , Restart and Stop Services

# Red Hat Linux Server



## MODULE 09: SECURITY, MANAGING PROCESS AND MONITORING TOOLS

- Securing Shell (Change default port, Prevent root access)
- Securing Shell (Public/Private Keys)
- Securing shell (managing ip allow and deny)
- Install & Configuring anti viruses (ClamAV and LMD)
- IPtables
- APF and BFD
- Process Management
- VMSTAT and IOSTAT
- LSOF
- TCPdump

## MODULE 10: SERVERS

- Dynamic Host Configuration Protocol (dhcp)
- DNS (Bind)
- Squid Proxy
- Apache Web Server
- File Transfer Protocol (FTP)
- Samba
- Remote Desktop
- Telnet
- Trivial File Transfer Protocol (TFTP)
- PXE (Preboot eXecution Environment)