



International Centre for Information Systems and Audit (iCISA)



A-52, Sector-62, Institutional Area, Noida

Training Programme on Network Security and Management-Red Hat Linux (27-31 May 2013)

<u>Date/Day</u>	Session I (9.30 to 10.45)	Session II (11.00 to 1.00 noon)	Session III (2.00 to 3.30 pm)	Session IV (3.45 pm-5.30 pm)
27/05/2013 Monday	Overview Of Red Hat Linux OS Installing Red Hat Linux	GNOME graphical desktop Objective: Get started with GNOME and edit text files with gedit. Manage files graphically with Nautilus Objective: Manage files graphically and access remote systems with Nautilus.	Get help in a graphical environment Objective: Access documentation, both locally and online. Configure local services Objective: Configure the date and time, and configure a printer. Manage physical storage I Objective: Understand basic disk concepts and manage system disks.	Manage logical volumes Objective: Understand logical volume concepts and manage logical volumes. Monitor system resources Objective: Manage CPU, memory, and disk utilization.
28/05/2013 Tuesday	Manage system software Objective: Manage system software locally and using Red Hat® Network (RHN). Get started with bash Objective: Understand basic shell concepts, execute simple commands, and use basic job control techniques.	Get help in a textual environment Objective: Use man and info pages and find documentation in /usr/share/doc. Establish network connectivity Objective: Understand basic network concepts; configure, manage, and test network settings.	Administer users and groups Objective: Manage users and groups. Manage files from the command line Objective: Understand Linux® file system hierarchy and pathnames; manage files from the command line.	Secure Linux file access Objective: Understand Linux file access mechanisms; manage file access from the GUI and the command line.

29/05/2013 Wednesday	Administer remote systems Objective: Share and connect to a desktop; use SSH and rsync. Configure general services Objective: Manage services; configure SSH and remote desktops.	Manage physical storage II Objective: Manage file system attributes and swap space.	Manage virtual machines Objective: Understand basic virtualization concepts; install and manage virtual machines.	Control the boot process Objective: Understand runlevels and manage GRUB.
30/05/2013 Thursday	Deploy file-sharing services Objective: Deploy an FTP server and a web server. Secure network services Objective: Manage a firewall; understand SELinux concepts and manage SELinux.	Comprehensive review Objective: Get a hands-on review of the concepts covered in previous session	Network configuration and troubleshooting Objective: Configure network settings; troubleshoot network issues Managing user accounts Objective: Manage user accounts, including password aging.	Controlling access to files Objective: Manage group memberships, file permissions, and access control lists (ACL). Analyzing and storing logs
31/05/2013 Friday	Oracle 11g R2 Administration <ul style="list-style-type: none"> Configure the Linux operating systems in anticipation of a database installation Install Oracle 11g R2 Enterprise Edition database 	Oracle 11g R2 Administration (Cont..) <ul style="list-style-type: none"> Use database administrator interface options Startup and shutdown database services and related software components 	Oracle 11g R2 Administration (Cont..) <ul style="list-style-type: none"> Use super administrator authentication options 	Oracle 11g R2 Administration (Cont..) <ul style="list-style-type: none"> Manage security policies and procedures, including administration of user accounts, roles, privileges and profiles

Teabreak:10.45 to 11.00 am

Lunch:1.00 to 2.00 PM

Coffee break:3.30 to 3.45 PM