EC-Council CCISO: Certified Chief Information Security Officer

Course Outline

Access systems and get help
Log in to local and remote Linux systems, and investigate problem resolution methods provided through Red Hat Insights and support.

Navigate file systems
Copy, move, create, delete, and organize files while working from the bash shell.

Manage local users and groups
Create, manage, and delete local users and groups and administer local password policies.

Control access to files
Set Linux file system permissions on files and interpret the security effects of different permission settings.

Manage SELinux security
Protect and manage the security of a server using SELinux.

Tune system performance
Evaluate and control processes, set tuning parameters, and adjust process scheduling priorities on a Red Hat Enterprise Linux system.

Install and update software packages
Download, install, update, and manage software packages from Red Hat and DNF package repositories.

Manage basic storage
Create and manage storage devices, partitions, file systems, and swap spaces from the command line.

Control services and the boot process
Control and monitor network services, system daemons, and the boot process using systemd.

Manage networking
Configure network interfaces and settings on Red Hat Enterprise Linux servers.

Analyze and store logs
Locate and interpret logs of system events for troubleshooting purposes.

Implement advanced storage features
Create and manage logical volumes containing file systems and swap spaces, and configure advanced storage features with Stratis and VDO.

Schedule future tasks
Schedule tasks to automatically execute in the future.

Access network-attached storage
Access network-attached storage using the NFS protocol.

Manage network security
Control network connections to services using the system firewall and SELinux rules.

Running Containers
Obtain, run, and manage simple, lightweight services as containers on a single Red Hat Enterprise Linux server.