



# Red Hat System Administration II with exam



## Outline for this course

- **Improve command line productivity**  
Run commands more efficiently by using advanced features of the bash shell, shell scripts, and various utilities provided by Red Hat Enterprise Linux.
- **Schedule future tasks**  
Schedule commands to run in the future, either one time or on a repeating schedule.
- **Tune system performance**  
Improve system performance by setting tuning parameters and adjusting scheduling priority of processes.
- **Control access to files with ACLs**  
Interpret and set access control lists (ACLs) on files to handle situations requiring complex user and group access permissions.
- **Manage SELinux security**  
Protect and manage the security of a server by using SELinux.
- **Manage basic storage**  
Create and manage storage devices, partitions, file systems, and swap spaces from the command line.
- **Manage logical volumes**  
Create and manage logical volumes containing file systems and swap spaces from the command line.
- **Implement advanced storage features**  
Manage storage using the Stratis local storage management system and use VDO volumes to optimize storage space in use.
- **Access network-attached storage**  
Use the NFS protocol to administer network-attached storage.
- **Control the boot process**  
Manage the boot process to control services offered and to troubleshoot and repair problems.
- **Manage network security**  
Control network connections to services using the system firewall and SELinux rules.
- **Install Red Hat Enterprise Linux**  
Install Red Hat Enterprise Linux on servers and virtual machines.