

Working with command-line sessions	
Login to ESX Server from physical console	Press Alt-F1
Login to ESX Server from remote workstation	<code>ssh username@hostname -OR- ssh hostname -l username</code>
Gain superuser privilege	<code>su -</code>
Run a command with root privileges	<code>sudo command_name</code> (use full pathname if PATH not set)
Display the last commands you have executed	<code>history</code>
Display command description	<code>man command_name</code>
Display your command search path	<code>echo \$PATH</code>
Run a command stored in the current directory	<code>./command_name</code>
Determine the full path name of a command	<code>which command_name</code>
File and directory commands	
Display current working directory	<code>pwd</code>
Change to a different directory	<code>cd directory_name</code>
Move or rename a file	<code>mv existing_file new_name</code>
Copy a file	<code>cp existing_file copy_name</code>
Display contents of current working directory	<code>ls</code>
Get a detailed directory listing of current working directory	<code>ls -l</code>
Delete a file	<code>rm file_name</code>
Display contents of a text file	<code>cat file_name</code>
Display contents of a text file, one screenful at a time	<code>more file_name</code>
Display the last few lines of a text file	<code>tail file_name</code>
Display the last few lines of a text file in real time (useful for displaying log files)	<code>tail -f file_name</code>
Search for text within a file	<code>grep pattern file_name</code>
Editing text files	
Launch the nano text editor	<code>nano -w file_to_edit</code>
Launch the vi text editor	<code>vi file_to_edit</code>
File ownerships and permissions	
Change owner of file or directory	<code>chown new_owner filename</code>
Change the group affiliation of file or directory	<code>chgrp new_group filename</code>
Change permissions of file or directory	<code>chmod permissions filename</code>
Working with users and groups	
Display one's own username and group memberships	<code>id</code>
Display effective UID	<code>whoami</code>
Display real UID	<code>who am i</code>
Display information about users logged in	<code>w -OR- who</code>
Display the last logged in users	<code>last</code>
Add a service console user	<code>useradd username</code>
Set/change a user's password	<code>passwd username</code>
Close unwanted user sessions	<code>fuser -l pty_device_name</code>
Working with processes	
List all running service console processes	<code>ps -ef</code>
Map process IDs with open user ports	<code>fuser -k process/protocol</code> (e.g. ssh/tcp)