

# CompTIA Linux+ Acronyms

The following is a list of acronyms that appear on the CompTIA Linux+ exam. Candidates are encouraged to review the complete list and attain a working knowledge of all listed acronyms as part of a comprehensive exam preparation program.

<b>ACRONYM</b>	<b>SPELLED OUT</b>	<b>ACRONYM</b>	<b>SPELLED OUT</b>
ACL	Access Control List	NTP	Network Time Protocol
ASCII	American Standard for Computer Information Interchange	OTP	One Time Password
BASH	Bourne Again Shell	OVA	Open Virtualization Appliance
BIOS	Basic Input Output System	OVF	Open Virtualization Format
CIFS	Common Internet File System	PAM	Pluggable Authentication Module
CPU	Central Processing Unit	PCI	Peripheral Component Interconnect
CUPS	Common Unix Printing System	PID	Process ID
CVE	Common Vulnerability and Exposures	PKI	Public Key Infrastructure
DHCP	Dynamic Host Configuration Protocol	PTY	Pseudoterminal
DTLS	Datagram Transport Layer Security	PXE	Pre-execution Boot
EFI	Extensible Firmware Interface	RADIUS	Remote Authentication Dial-in User Service
EPEL	Extra Packages for Enterprise Linux	RAID	Redundant Array of Independent Disks
FTP	File Transfer Protocol	RDMA	Remote Direct Memory Access
GCC	GNU Compiler Collection	RPM	RPM Package Manager
GPIO	General Purpose Input Output	SATA	Serial Advanced Technology Attachment
GPT	GUID Partition Table	SCSI	Small Computer Systems Interface
GPU	Graphics Processing Unit	SELinux	Security Enhanced Linux
GRUB	Grand Unified Bootloader	SHA	Secure Hash Algorithm
GUI	Graphical User Interface	SMB	Server Message Block
GUID	Global Unique Identifier	SNMP	Simple Network Management Protocol
HBA	Host Bus Adapter	SSH	Secure Shell
HTTP	Hypertext Transfer Protocol	SSL	Secure Sockets Layer
HTTPd	Hypertext Transfer Protocol daemon	SUID	Set User ID
IO	Input Output	TACACS+	Terminal Access Controller Access Control System Plus
IP	Internet Protocol	TAR	Tape Archive
IPSEC	Internet Protocol Security	TCP	Transmission Control Protocol
ISO	International Organization for Standardization	TLS	Transport Layer Security
JSON	JavaScript Object Notation	TTY	Terminal Type
KDE	K Desktop Environment	UEFI	Unified Extensible Firmware Interface
LDAP	Lightweight Directory Authentication Protocol	USB	Universal Serial Bus
LUKS	Linux Unified Key Setup	UTF	Unicode Transformation Format
LVM	Logical Volume Manager	VM	Virtual Machine
MBR	Master Boot Record	VNC	Virtual Network Computing
MD5	Message Digest 5	VPN	Virtual Private Network
MOTD	Message of the Day	XFS	Extents File System
NAT	Network Address Translation	XRDP	XWindows Remote Desktop Protocol
NFS	Network File System	YAML	Yet Another Markup Language
NTFS	New Technology File System	YUM	Yellowdog Updater Modified

# Linux+ Proposed Hardware and Software List

CompTIA has included this sample list of hardware and software to assist candidates as they prepare for the Linux+ exam. This list may also be helpful for training companies that wish to create a lab component for their training offering. The bulleted lists below each topic are a sample list and not exhaustive.

## **EQUIPMENT**

- Laptop or desktop that supports virtualization  
OR access to a cloud service provider
- Network
  - Router
  - Switch
  - Network adapter
- Internet access

## **SPARE PARTS/HARDWARE**

- HDD
- USB OR DVD media

## **SOFTWARE**

- Repository access
- PuTTY or SSH client
- Automation tools (e.g. Ansible, Puppet)
- Git
- Virtualization software

## **RECOMMENDED DISTRIBUTIONS**

- \*CentOS
- \*Ubuntu
- Fedora
- Debian
- Open SUSE