

NDG Linux Essentials

Course Overview

The Linux Essentials course, developed by NetAcad partner NDG, teaches students the fundamentals of the Linux operating system and command line and open source concepts.

The Linux virtual machine is embedded in the course; allowing students to experiment with Linux commands.

Career Prep

Upper secondary school and junior college students interested in learning Linux OS, open source programming, and IoT skills to expand IT knowledge beyond networking. Aligns with the Linux Professional Institute (LPI) Linux Essentials Professional Development Certificate.

Prerequisites: None

Language: English

Course Delivery: Instructor led and Self-paced*

Estimated Time to Complete: 70 hours

***Fee:** \$39.95 USD for Self-paced only

Recommended Next Course: CCNA R&S Introduction to Networks



Network Development Group

Overview

Linux Essentials Course



Why is knowing the command line important?

Flexibility and mobility!

By understanding the foundation of Linux, you have the ability to work on ANY Linux distribution. This could mean one company with a mixed environment or a new company with a different Linux distribution.

Learning Components

- 16 chapters
- Built-in virtual machine to experiment with Linux commands
- 13 lab exercises
- Learner-directed activities
- Chapter exams, mid-term, and final exam

NDG Introduction to Linux I

Course Overview

The NDG Introduction to Linux I course, developed by NetAcad partner NDG, teaches students the Linux skills required to prepare for the Linux Professional Institute LPIC-1 first certification exam or the CompTIA Linux+ powered by LPI first certification exam.

Prerequisites: None required, but NDG Linux Essentials or equiv. knowledge recommended

Language: English

Course Delivery: Instructor led* and Self-paced*

Estimated Time to Complete: 70 hours

***Fee:** \$39.95 USD per learner.

Recommended Next Course: NDG Intro to Linux II



Career Prep

Aligns with the Linux Professional Institute LPIC-1 and CompTIA Linux+ powered by LPI first exam.

NDG Introduction to Linux I

A screenshot of a virtual machine interface showing a lab exercise titled "18.3 Step 2". The left pane shows a list of files in the /etc/init.d directory, including auditd, halt, killall, multipathd, quota_n, id, saslauthd, blk-availability, iptables, lvm2-lvmeted, netconsole, rdisc, single, cron, iptables, lvm2-monitor, netfs, restore, cman, xshd, functions, lscsi, mdmonitor, network, raying, udev-post, haldaemon, inssd, messagebus, postfix, and sendmail. The right pane shows a terminal window with the command "ls -l /etc/init.d" and its output, which lists the same files with their permissions and owners. The terminal prompt is root@centos:~#. Below the terminal, there is a text box explaining that CentOS uses both traditional init scripts and Upstart to control services, and that init scripts are used primarily for traditional services like the Secure Shell daemon (sshd). Navigation buttons for "Previous" and "Next" are visible at the bottom.

Learning Components

- 27 chapters
- Built-in virtual machine to experiment with Linux commands
- 24 lab exercises
- Learner-directed activities
- Chapter exams, mid-term, and final exam

NDG Introduction to Linux II

Course Overview

The NDG Introduction to Linux II course, developed by NetAcad partner NDG, teaches students the Linux skills required to prepare for the Linux Professional Institute LPIC-1 second certification exam or the CompTIA Linux+ powered by LPI second certification exam.

Prerequisites: None

Language: English

Course Delivery: Instructor led* and Self-paced*

Estimated Time to Complete: 70 hours

***Fee:** \$39.95 USD per learner

Recommended Next Course: CCNA R&S Intro to Networks



Career Prep

Aligns with the Linux Professional Institute LPIC-1 and CompTIA Linux+ powered by LPI second exam.

NDG Introduction to Linux II

NDG Introduction to Linux II - Chapter 2 - Shell Scripts

A screenshot of a course page titled '2.1 Introduction'. The page contains text explaining shell scripts and includes two terminal windows. The first terminal window shows the command 'date;who;uptime' and its output: 'Mon Dec 1 01:53:56 UTC 2014' and 'sysadmin console Nov 30 22:49 01:53:56 up 27 days, 9:07, 1 user, load average: 0.03, 0.05, 0.05'. The second terminal window shows the command 'echo "date;who;uptime" > my.sh'.

Learning Components

- 19 chapters
- Built-in virtual machine to experiment with Linux commands
- 19 lab exercises
- Learner-directed activities
- Chapter exams, mid-term, and final exam