

# From ZERO Linux Knowledge to Certified

#### Linux Skills Gap

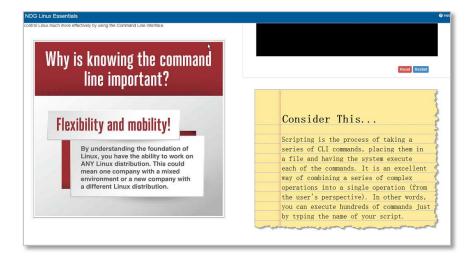
Many established and emerging careers require all levels of Linux command-line knowledge, including big data, cloud computing, cyber security, information systems, networking, programming and software. Yet there aren't enough people with the expertise to fill these jobs.

#### NDG Linux Courses for Student Success

- NDG Linux Essentials<sup>™</sup> aligns to the <u>LPI.org</u> Linux Essentials Certificate (no prerequisites for instructors or students)
- NDG Introduction to Linux<sup>™</sup> aligns to Exam 1 for the LPI.org LPIC-1 and/or CompTIA Linux+ powered by LPI Certification
- NDG Introduction to Linux II<sup>™</sup> aligns to Exam 2 for the <u>LPI.org</u> LPIC-1 and/or CompTIA Linux+ powered by LPI Certification

#### NDG Linux Courses Are Easy to Integrate

- Flexible learning platform
- Hands-on 'learn by doing' approach
- Linux virtual machines to practice command-line concepts
- Instructor materials and classroom aids
- Seamless integration of lectures, content, labs and assessments
- · Easily incorporated into university, college and technical programs
- Languages: currently available in English



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- NDG Linux Courses developed by <u>Network Development Group</u> (a Networking Academy partner)
- Provided to universities, colleges, and schools for instructor-led training
- Hands-on labs and virtual machines develop real-world job skills
- Students prepare for industry certification



#### ICT Career Prep and Support

Cisco provides students with career resources, and encourages its partners and customers to work with campuses to help develop students, identify top talent for hiring, and gain a competitive edge in their business.

#### **Professional Skills Validation**

These 3 courses align directly with Linux Professional Institute certifications. Certified students can demonstrate to potential employers that they have the strong Linux foundation necessary for today's internships and jobs. To learn more, visit: www.lpi.org/certification/

| >_ Linux Terminal   | Show/Hide |
|---|-----------|
|   |           |
| <pre>sysadmin@localhost:~\$ echo 'Hello World!!'</pre>                                  |           |
| Hello World!!   |           |
| <pre>sysadmin@localhost:~\$ ls -l</pre>   |           |
| total 0   |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Desktop                                    |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Documents                                  |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Downloads                                  |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Music                                      |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Pictures                                   |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Public                                     |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Templates                                  |           |
| drwxr-xr-x 1 sysadmin sysadmin 0 Jul 3 05:56 Videos                                     |           |
| <pre>sysadmin@localhost:~\$ pwd</pre>   |           |
| /home/sysadmin  |           |
| <pre>sysadmin@localhost:~\$ ls / bin dev home lib media opt root sbin selinux sys</pre> |           |
| and act nome the method of the path perturbation of                                     |           |
|   | var       |
| <pre>sysadmin@localhost:~\$ cd sysadmin@localhost:/home\$ cd</pre>                      |           |
| sysadminelocalhost://homes cd<br>sysadminelocalhost:/\$ ls home                         |           |
| sysadminetocalnost:/\$ is nome  |           |
| sysadmin<br>sysadmin@localhost:/\$ pwd  |           |
| /   |           |
| /<br>sysadmin@localhost:/\$   |           |

A terminal like this is available at any given time during the course.

## Consider offering Linux courses now!

Learn more about Cisco Networking Academy courses: <u>www.NetAcad.com</u>

Request guidance on offering Linux and other courses at your institution: <u>https://www.netacad.com/get-started/educators</u>

#### Cisco Networking Academy: Partner-Developed Courses

Partner-developed courses are learning materials developed by other organizations utilizing the flexibility and course management capabilities in the Cisco NetSpace learning environment. Our goal is to expand learning opportunities for our students by offering relevant content and courses from NetAcad partners. Instructors may teach partner-developed courses and enroll students through the same process used for standard Networking Academy courses. Some partner courses may be structured in a self-paced format for students to self-enroll. Partner-developed courses adhere to the following guidelines:

- content has been developed by the partner, not by Cisco
- support and maintenance for the course is provided by the partner, not by Cisco
- if necessary, formal instructor training is provided by the partner, not by Cisco

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#### **Corporate Social Responsibility**

We create opportunities to transform lives, communities, and the environment through the combined power of human collaboration and networked connections. We call this "impact multiplied." Together with others, we apply technology to unlock the intelligence and fuel the innovation needed to address some of the world's most pressing problems.

Our Corporate Social Responsibility efforts focus on five areas: improving the well-being of people and communities around the world; using our technology to improve environmental sustainability; conducting our business ethically; creating a workplace where our employees thrive; and maintaining our high standards for ethics, labor rights, health, safety, and the environment throughout our supply chain.