



COURSE SYLLABUS

Linux Foundation

KURS HAQQINDA

Kursun formatı

1 ay

Kursun müddəti

9 dərs

Dərslərin sayı

Həftədə 2 dəfə

Dərslərin tezliyi

2 saat

Hər dərs 2 saat davam edir

TØDRIS PROQRAMI

DØRS 1	What is Linux? Basic system management: • Introduction to Linux • Linux Distributions • Installing Linux • OS Differences
DØRS 2	Command line skills • Basic shell • Command line syntax • Basic commands • Man and help
DØRS 3	Navigating the File system / • Working with Archives and Compressed Files • Piping and Redirection
DØRS 4	User Account and Groups: • Understanding User Accounts • Account security • Understanding Groups • Creating, modifying and deleting accounts • Working as root
DØRS 5	Ownership and Permissions: • Managing file ownership • Managing basic permissions
DØRS 6	Managing Software: • Managing software package with yum • Repositories • Managing Module Streams • Managing Software Package Module Streams

DØRS 7**Managing Logs:**

- Linux logging architecture (rsyslog and systemd-journald)
- Exploring the /var/log structure
- Reading and filtering logs with journalctl
- Log priorities and facilities
- Persistent journal storage
- Log rotation with logrotate

DØRS 8**Bash Scripting:**

- Script structure, shebang and execution permissions
- Conditionals: if and test
- Loops: for
- Functions and exit codes

DØRS 9**Son dørs**

- **Students will resolve real lab tasks**