

Linux Networking Commands for System Administrators

This intermediate Linux Networking Commands training helps system administrators master essential networking commands. Learn to navigate directories, monitor system health, test connectivity, and organize data with Linux commands. This Linux course is ideal for IT managers to onboard junior Linux admins or as a reference for system administration tasks in Linux environments.

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WEEK 1

Networking Fundamentals

153 min.

Introduction to Networking	4
Network Access Layer	10
Internet Layer	7
Transport Layer	10
Application Layer	5
Understanding Ports	15

IP Addresses

Overview	1
Introduction to IP Addressing	9
IPv4 Addressing	10
Public and Private Addresses	13
Subnet Masks	13
IPv6 Addressing	9

Changing Network Configurations

Overview	1
Introduction	3
Networking Concepts	16
Network Manager	16
Network Configuration Changes	6
Legacy Configuration Tools	3

WEEK 2

Network Management & Troubleshooting

48 min.

Overview	1
Introduction to Network Troubleshooting	9

Testing Connectivity with Ping	18
Tracing Paths	10
Network Connections	8