

BIND DNS Administration (Linux)

Learn to install, configure and troubleshoot BIND 9 DNS servers on Linux, from zones and records to master-slave setups.

COURSE OVERVIEW

This course covers basic DNS concepts, resource records and lookup tools such as dig, host and nslookup, along with domain name registration, root zones and DNS zones. It then addresses BIND 9 installation, common named configurations and setting up a caching-only name server, followed by configuring master and slave DNS servers and reverse lookups using in-addr.arpa zones. It also covers using RNDG, delegating zones to other DNS servers, named logging, and DNS troubleshooting techniques including common BIND error messages.

WHO THIS COURSE IS FOR

DNS Administrators

Linux System Administrators

Network Administrators

Systems Engineers

LEARNING OBJECTIVES

- Explain basic DNS concepts and resource records
- Apply dig, host and nslookup for DNS queries
- Describe domain name registration and root zones
- Install BIND 9 and configure named
- Configure a caching-only name server
- Configure Master and Slave DNS servers
- Interpret in-addr.arpa zones for reverse lookups
- Identify and resolve common BIND error messages

18 Topics

TOPICS

- Basic DNS concepts
- Resource Records
- dig, host and nslookup
- Domain name registration
- Root zones
- DNS zones
- BIND 9 installation
- Common named configurations
- Configuring caching-only name server
- DNS (Domain Name System) administration
- Setting up Master DNS server
- Setting up Slave DNS server
- in-addr.arpa zones (and reverse lookups)
- Using RNDc
- Delegating zones to other DNS servers
- Understanding named logging
- DNS troubleshooting techniques
- Common BIND error messages

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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✉ info@koenig-solutions.com