KOENIG SOLUTIONS · COURSE OUTLINE

IBM NS1 Connect Advanced

20 Hours	1	9	TV00508G
DURATION	MODULES	TOPICS	COURSE CODE

COURSE OVERVIEW

An advanced look at the IBM NS1 Connect product covering advanced topics such as filter chains, traffic steering, NS1 Connect Pulsar, and more.

WHO THIS COURSE IS FOR

- Network engineers and DNS administrators with 2+ years of experience managing DNS infrastructure
- Cloud architects or platform engineers responsible for DNS services in hybrid or multi-cloud environments
- Site reliability engineers (SREs) or DevOps professionals who have completed IBM NS1 Connect intermediate training
- Technical leads overseeing DNS strategy and performance optimisation

LEARNING OBJECTIVES

What You Will Learn

- Configure advanced DNS settings and filter chains for traffic steering in IBM NS1 Connect.
- Build and manage primary, secondary, reverse, and linked DNS zones using the dashboard and zone files.
- Analyse DNS usage, health metrics, and resource watchlists to monitor system performance.
- Deploy and customise DNS resource records, including all common record types and metadata.
- Implement XFR transfers for primary and secondary zones and verify zone synchronization.
- Create and configure each type of IBM NS1 monitor and interpret monitoring data feeds.
- Utilise NS1 DNS Insights to gain deeper visibility into query patterns and performance trends.
- Design and apply FilterChains with specific filters to optimise traffic routing.
- Enable, configure, and monitor IBM NS1 Connect Pulsar for high-throughput DNS streaming.
- Generate and interpret Pulsar reporting to assess functionality and performance.

COURSE SYLLABUS

1 Module, 9 Topics

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Course Content

TOPICS

- Module 1: IBM NS1 Connect Solution : Overview of architecture, components, and deployment models.
- Module 2: Portal and Account Security : Configure access controls, API keys, and security policies.
- Module 3: DNS Zone Management : Create, import, and manage primary, secondary, reverse, and linked zones.
- Module 4: DNS Record Management : Add, edit, and bulk-manage all record types with metadata.
- Module 5: IBM NS1 Monitoring : Set up monitors, interpret health data, and use watchlists.
- Module 6: DNS Insights : Analyse query patterns, performance trends, and reporting dashboards.
- Module 7: Traffic Steering with FilterChains : Design and apply filter chains to direct traffic based on policies.
- Module 8: IBM NS1 Connect Pulsar : Enable high-throughput DNS streaming, configure settings, and monitor flow.
- Module 9: Reporting and Analytics : Generate, customize, and interpret reports for operational insight.

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

ABOUT 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.

FLEXIBLE DELIVERY

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Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

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