

HVR and Fivetran Training

COURSE CONTENT

GET IN TOUCH



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About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The HVR and Fivetran training offered by Multisoft Systems provides a robust learning platform for professionals aiming to excel in the rapidly evolving field of data integration. This course is designed to equip participants with the skills needed to manage and implement real-time data replication and integration solutions using HVR and Fivetran technologies.

HVR Course Content

Module 1: Introduction to HVR

- ✓ Overview of HVR technology and capabilities
- ✓ Use cases and benefits

Module 2: Installation and Setup

- ✓ System requirements
- ✓ Installation steps
- ✓ Initial configuration

Module 3: Data Replication Concepts

- ✓ Understanding data replication
- ✓ Key components: source, target, and hub
- ✓ Change Data Capture (CDC)

Module 4: HVR Architecture

- ✓ Architecture overview
- ✓ Components: agents, hub, and scheduler
- ✓ Network topology

Module 5: Configuration and Administration

- ✓ Creating channels
- ✓ Defining locations
- ✓ Configuring replication tasks

Module 6: Data Integration

- ✓ Integrating with various data sources

- ✓ Supported databases and file systems

Module 7: Monitoring and Management

- ✓ Monitoring replication processes
- ✓ Managing errors and alerts
- ✓ Performance tuning

Module 8: Advanced Topics

- ✓ Real-time data integration
- ✓ Data transformations
- ✓ Data validation and consistency

Module 9: Hands-on Labs

- ✓ Setting up a replication task
- ✓ Configuring data integration with different sources
- ✓ Troubleshooting common issues

Fivetran Course Content

Module 1: Introduction to Fivetran

- ✓ Overview of Fivetran technology and capabilities
- ✓ Use cases and benefits

Module 2: Account Setup and Configuration

- ✓ Creating a Fivetran account
- ✓ Setting up billing and user roles

Module 3: Data Connectors

- ✓ Overview of available data connectors
- ✓ Configuring source connectors (e.g., databases, SaaS applications)
- ✓ Managing destination connectors (e.g., data warehouses, lakes)

Module 4: Data Integration Concepts

- ✓ Understanding ETL/ELT processes
- ✓ Key components: sources, destinations, and schemas

Module 5: Fivetran Architecture

- ✓ Architecture overview
- ✓ Data pipeline components
- ✓ Security and compliance

Module 6: Configuration and Management

- ✓ Setting up and managing connectors
- ✓ Scheduling data syncs
- ✓ Handling schema changes

Module 7: Data Transformation

- ✓ Introduction to dbt (data build tool)
- ✓ Writing and managing transformations
- ✓ Testing and deploying transformations

Module 8: Monitoring and Maintenance

- ✓ Monitoring connector health and sync status
- ✓ Managing alerts and notifications
- ✓ Performance optimization

Module 9: Advanced Topics

- ✓ Custom connectors
- ✓ Incremental loading
- ✓ Data validation and quality checks

Module 10: Hands-on Labs

- ✓ Configuring a source connector
- ✓ Setting up a data warehouse destination
- ✓ Implementing and testing transformations