

Certified SNYPR Administrator

Duration: Self-paced

Format: Online

Exam format: Online examination

Description

For system admins who need to manage on-going operations and maintain the health of the SNYPR platform and Hadoop cluster (infrastructure), and for business managers who need to grant role-based access for employees and partners to the application.

Learn how to determine SNYPR deployment options in a Hadoop cluster, install SNYPR on Hadoop cluster, configure Hadoop components, configure the SNYPR application, grant role-based access to the application, define business continuity and disaster recovery capabilities, and use the SNYPR eye and monitoring capabilities of the platform to identify and troubleshoot common issues.

Workshop Objectives

1. Identify SNYPR Architecture components and deployment options
2. Identify Spark apps used for each stage in the analytics pipeline
3. Install SNYPR using command-line installer package
4. Install and configure remote ingestion node from RIN package
5. Manage the remote ingestion node using SNYPR gateway
6. Provision access for Roles, Users, and Groups
7. Configure SNYPR Hadoop and application settings
8. Troubleshoot Hadoop and SNYPR components by monitoring end to end data flow and SNYPR-Eye

Workshop Topics

9. Architecture
10. Data Flow
11. SNYPR Installation
12. Remote Ingestion Node
13. Access Control
14. Application Settings
15. Platform Monitoring

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Hands-on Lab Exercises

1. Install the Remote Ingestion Node
2. Manage RIN Remotely
3. Configure Access Control
4. Configure Application Settings
5. Edit and Create Email TemplatesRun Auditing Reports

Workshop Requirements

Required Knowledge

- Basic understanding of networking and network security
- Basic understanding of Hadoop big data framework
- Basic understanding of SNYPR platform from 100 series online courses
- Basic understand of SNYPR functionality 200 series online courses

Technical Requirements

- Laptop or workstation
- Reliable Internet connection (LAN/Wi-Fi)
- Updated web browser (Mozilla Firefox, Google Chrome recommended)