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Rubrik training

3 days (21 hours)

Presentation

Rubrik Cloud Data Management - Administration covers all the tasks that Rubrik administrators may have to perform. From setting up the environment, to configuring it and keeping it in good working order. After an introduction to the basic concepts of the Cloud Data Management platform, participants will learn how to rack a Rubrik brik, install and configure the solution, and use the user interface to administer it.

The course then explores user account management, multi-tenancy mode, health monitoring, networking with VLAN tagging management, all data protection plans through SLA configuration on different environments (virtual and physical) as well as various applications, databases and NAS, outsourcing and long-term archiving to public and private clouds, and disaster recovery (DR) plans. Participants will learn about the solution's operating principle and internal architecture, as well as essential lifecycle actions, including starting and stopping a cluster, adding an additional node, and upgrading the solution's software. The course concludes with an overview of the REST APIs used to automate and orchestrate backup and restore tasks.

Objectives

- Develop a working knowledge of the Rubrik .
- Understand the prerequisites and considerations involved in setting up a Rubrik .
- Familiarize yourself with cluster administration and monitoring via the web console.
- Learn how to back up and restore different environments (virtual, physical, applications)
- Understand how to define long-term retention in the Cloud and set up a
  site-to-site backup replication

Target audience

- Main : System administrators and engineers, architects, and business leaders in charge of deploying and administering backup perimeters within DataCenters .
- Secondary: Managers and technical teams wishing to deepen their knowledge of the pre-acquisition solution

Prerequisites

- Be familiar with traditional preservation architecture.
- Unix/Linux command line skills. before acquisition

Rubrik training program

- Introduction to the Rubrik Cloud Data Management platform
- Rubrik cluster installation and configuration -
- Rubrik cluster administration - User interfaces, RBAC and Multi Tenancy
- Health monitoring and alerts - Networking, VLAN tagging - SLA management - Management of virtual environments and physical servers
- Application management (Active Directory, Exchange, Sharepoint, ...) , DataBase (Oracle, SQL, MongoDB, PostgreSQL ...), NAS
- Long-term storage / outsourcing on public, private and/or Hybrid cloud archive (S3 / NFS)
- Replication, PRA & DR - Principle and Architecture - Lifecycle operations - API , first level to prepare automation and orchestration (Advanced API training 1 day - on request)

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.