Course Code: SNV10CDGW

Course Title: IBM Spectrum Virtualize - Transparent Cloud Tiering

Description:

IBM Spectrum Virtualize Transparent Cloud Tiering supports creating connections to cloud service providers to store copies of volume data in private or public cloud storage – freeing up capacity on the system.

This module discusses how transparent cloud tiering features and functions, and how it can help administrators to create point-in-time snapshots of data on the system and then copied and stored on the cloud storage. Thus allowing administrators to restore snapshots from the cloud for disaster recovery purposes.

You will also authenticate Transparent Cloud Tiering on an IBM Spectrum Virtualize system to an OpenStack cloud server, create a cloud snapshot of a volume, and recover the volume snapshot from the cloud.

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Objectives:

Upon completion of this course you should be able to:

Define hybrid cloud storage

Identify the attributes of transparent cloud tiering

Characterize the function of the cloud snapshot

Characterize the function of the cloud snapshot recovery

Assess the use cases of cloud storage

Prerequisites:

IBM Spectrum Virtualize for the IBM SAN Volume Controller (SNV10G)

Duration:

4 Hrs

Topics:

Snapshot to the Cloud

The exercise component implements Transparent Cloud Tiering using an IBM Spectrum Virtualize system to a OpenStack cloud server, creates a cloud snapshot of a volume, and recovers the volume snapshot from the cloud.Note: This simulation provides guided steps and hints on completing the exercise.

Audience:

This course is for IBM personnel, IBM Business Partners, IT consultants and customers who are assessing and/or planning to deploy IBM System San Volume Controller Storage solutions and are interested in learning more on IBM Spectrum Virtualization.