

Course Code: SNV10ADGW

Course Title: IBM Spectrum Virtualize RAID Protection

### **Description:**

This module introduces IBM Spectrum Virtualize support for traditional RAID (Redundant Array of Independent Disks) arrays and the Distributed RAID arrays. Traditional RAID (or TRAID) and Distributed RAID (or DRAID) arrays are both data storage virtualization technologies that combines multiple physical disk drive components into one or more logical units. TRAID and DRAID offers increased storage performance, resiliency and low cost, with improved higher availability to recreate lost data from parity information. This module also discuss the benefits of implementing DRAID 6 to boost IO performance versus TRAID 5 in almost all production workloads.

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### **Objectives:**

Distinguish between Traditional and Distributed arrays.

### **Prerequisites:**

IBM Spectrum Virtualize for the IBM SAN Volume Controller (SNV10DG)

### **Duration:**

4 Hrs

### **Topics:**

- Topic 1 - Traditional RAID arrays - Overview
- Topic 2 - Distributed RAID - Overview

### **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 how Traditional RAID and Distributed RAID can provide fault tolerance for your system.