

# List of Labs

## **LAB L01 TSM for VE v7.1**

This lab places you in the role of a VMware administrator tasked with leveraging an existing Tivoli Storage Manager environment to provide scheduled protection and simplified recovery of mission-critical virtual machine data. The product's more efficient use of hardware and network resources makes protecting and recovering data in VMware environments easier than traditional in-guest backup methods.

## **LAB L02 TSM 7.1 LDAP config and Advanced Admin Tuning**

In this exercise, you configure complex password support for the IBM® Tivoli® Storage Manager server SERVER1.

## **LAB L03 L05 TSM 71 OC and Node rep combo**

### **Operation Center:**

This lab has two sections. You can do one or both of the sections. The first section focuses on using the Operations Center. When you complete this lab, you should be able to perform the following tasks:

- Configure the Operations Center
- Navigate through the Operations Center
- Use the command builder
- Assign alerts to specific administrators

The second section focuses on the new features introduced in 7.1. When you complete this lab, you are able to perform the following tasks:

- Add a hub server • Start a database backup

### **Node Replication:**

This 2 hour lab focuses on the node replication. When you complete this lab, you can perform the following tasks:

- Setup node replication
- Utilize node replication
- Have node replication automatically fail over
- View Node replication in the Operations Center

## **LAB L04 TSM for NAS**

After you complete this lab session, you should be able to perform the following tasks:

- Configure Tivoli Storage Manager to back up NAS devices
- Do a Network Data Management Protocol (NDMP) filer-to-server backup with a table of contents
- Do a filer-to-server SnapMirror-to-tape-based backup
- Restore from a SnapMirror backup • Do a typical Tivoli Storage Manager incremental backup of an NAS device

## **LAB L06 TSM Getting Started**

In this introduction to Tivoli Storage Manager lab exercise, you perform the following tasks:

- Explore storage pools volumes to back up and archive storage pools with query commands
- Create a storage pool hierarchy for data migration
- Backup and restore files with the GUI and the command line
- Archive and retrieve files
- Monitor the status of the Tivoli Storage Manager environment using the Operations Center
- Back up storage pools and the Tivoli Storage Manager database to ensure the Tivoli Storage Manager availability

## **LAB L07 HSM for Win v6.4**

This two-hour lab session focuses on using HSM for Windows V6.4. The objective of this lab session is to become familiar with the features. When you complete this lab session, you can perform the following tasks:

- Configure connection between HSM and the TSM server
- Create a migration job with include and exclude parameters
- Migrate and recall files
- Schedule migration and set up threshold migration
- Run reconciliation

## **LAB L08 Intro to TPC**

Nearly every function is in the IBM® Tivoli® Storage Productivity Center 5.2 Web-based GUI. These exercises introduce you to the capabilities of the Web-based GUI.

## **LAB L09 TPC 52 VMware Provisioning**

IBM® Tivoli® Storage Productivity Center, or TPC, is one of the components within IBM's industry leading storage hypervisor; IBM Virtual Storage Center. With Virtual Storage Center, enterprises can simplify monitoring, management, and protection of their storage, effectively turning mundane storage area network (SAN) attached and or network attached storage (NAS) into a true storage cloud.

## **LAB FCM 41 for UNIX DB2 E7534**

In this unit, you install FlashCopy Manager for UNIX. You then install and configure the Tivoli Storage Manager Client APIs to be used with DB2 backups and restores.

## **TSM for VE 71 Demo**

This is the completed Lab for TSM for VE 71 with instance access and instance restore working

## **LAB TPC 52 > 521 upgrade**

Upgrade a running TPC 5.2 to 5.2.1