



Windows Server 2012 Hands-on Lab

Course ISI-1351 3 Hours Instructor-led, Hands-on

Introduction

Learn how to configure and manage Hyper-V replication which is now built-in to Windows Server 2012. Deploy and configure servers with the newly designed Server Manager. Use dynamic Access Control to automatically and centrally secure data. Secure document access with DAC and rights management.

Prerequisites

Before attending this course, students must have:

- Previous Windows Server and Windows Client management knowledge and hands on experience.
- Experience Installing and Configuring Windows Server into existing enterprise environments, or as standalone installations.
- Knowledge and experience of network adapter configuration, basic Active Directory user administration, and basic disk configuration.
- Knowledge and hands on experience specifically with Windows Server 2012 and Windows 8 would be of benefit but is not essential.

Course Materials

The student kit includes a comprehensive workbook and other required materials for this class.

Course Outline

Getting Started with Windows Server 2012 Hyper-V Replication

Asynchronous, application-consistent virtual machine replication is now built in to Windows Server 2012. It permits replication of Hyper-V virtual machines between two locations for business continuity and failure recovery. In this lab, you will learn how to configure and manage this technology.

Deploying and Configuring Servers with Server Manager

Windows Server 2012 includes a newly designed Server Manager experience that places emphasis on multiserver management and role-based management. Windows PowerShell has also been greatly improved, adding thousands of additional cmdlets, improved remote support, and a new capability called Windows PowerShell Web Access. In this lab, you will leverage all of these features and capabilities to deploy multiple new servers running Windows Server 2012 in your network.

Contact ISInc for more information at 916.920.1700 or by visiting our website at <http://www.isinc.com>



Using Dynamic Access Control to Automatically and Centrally Secure Data

In this lab, you will explore Dynamic Access Control in Windows Server 2012. You will learn how to create Central Access Policies, explore the new Access Denied Remediation features, as well as learn how to use the audit capabilities built into Dynamic Access Control.

Securing Document Access with Dynamic Access Control and Rights Management

In this lab, you will implement DAC to ensure that remote users can only access documents to which they have permission, based on the attributes of the document and the attributes of their user account. Note that much of this implementation has been completed to save time. You will review the specifics of the implementation before working with documents and rules