

Dell Integrated System for Microsoft Azure Stack HCI Features and Administration (DISMASHCI)

ID DISMASHCI **Price** US \$ 2,200.—(excl. VAT) **Duration** 2 days

Who should attend

This course is intended for IT professionals who will be working with Dell Integrated System for Microsoft Azure Stack HCI systems. It is also suitable for anyone seeking to gain a fundamental understanding of how Azure Stack HCI functions.

Prerequisites

To understand the content and successfully complete this course, a student must have a suitable knowledgebase/skill set. The student should have an understanding of:

- Ethernet and TCP/IP networking
- Data storage concepts
- Basic operating system management (Windows Server)
- Microsoft Hyper-V
- PowerShell

Course Objectives

Upon successful completion of this course, participants should be able to:

- Identify Microsoft Azure Stack HCI solution features, use cases, and Dell integration.
- Identify components of the Microsoft Azure Stack HCI Solution architecture.
- Gain familiarity with Azure Stack HCI administration tools.
- Identify Dell supported Azure Stack HCI network topologies.
- Demonstrate common administrative tasks.
- Locate additional Azure Stack HCI Solution resources

Course Content

The content of this course is designed to support the course objectives.

- Microsoft Azure Stack HCI Solutions Concepts
 - Microsoft Azure Stack HCI Overview
 - Microsoft Azure Stack HCI features and architecture
 - Technical use cases
- Architecture Concepts
 - Microsoft Azure Stack HCI solution architecture
 - Dell Integrated Systems for Microsoft Azure Stack HCI
 - Microsoft Hyper-V
 - Software Defined Storage (SDS)
 - Software Defined Networking (SDN)
- Administration Concepts
 - Microsoft Windows Admin Center (WAC)
 - Microsoft Azure Arc
 - PowerShell
 - Microsoft Server Manager
 - Failover Cluster Manager
 - Dell OpenManage Integration with WAC (OMIMSWAC)
- Networking Concepts
 - Azure Stack HCI Traffic
 - Switch Embedded Teaming
 - Remote Direct Memory Access (RDMA)
 - iWARP and RoCE
 - DCB
 - Network ATC
 - Network Topologies
- Administration Tasks
 - Deploy and manage VMs
 - Manage storage
 - Manage Software Defined Networks
 - Set alerts to monitor system health
 - Solution infrastructure lifecycle management
- Additional Resources
 - Azure Stack HCI Interactive Journey
 - Microsoft HCI Solutions from Dell Info Hub
 - Dell Integrated System for Microsoft Azure Stack HCI Product Page
 - Dell Integrated System for Microsoft Azure Stack HCI GitHub Page

Dell Integrated System for Microsoft Azure Stack HCI Features and Administration (DISMASHCI)

- Dell Technologies Demo Center
- What's New in Azure Stack HCI
- Azure Stack HCI Solution Ove

Dell Integrated System for Microsoft Azure Stack HCI Features and Administration (DISMASHCI)

Training Centres worldwide



Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>