

VIRTUAL DESKTOP INFRASTRUCTURE (VDI) – FUNDAMENTALS

Duration: 2 Days

Learning Objectives

- Understand the concept and purpose of VDI
- Learn VDI architecture independent of vendors
- Understand how VDI integrates with network, storage, and security

Detailed Topics

- Introduction to Desktop Virtualization
- Traditional Desktops vs Virtual Desktops
- VDI Architecture Components:
 - Compute layer
 - Network layer
 - Storage layer
- Virtual desktop layer
- Persistent vs Non-Persistent Desktops
- User access & session management
- Authentication & access flow in VDI
- On-prem vs Cloud vs Hybrid VDI (conceptual)
- Performance considerations:
 - Latency
 - Bandwidth
 - Storage IOPS
- Common VDI use cases & challenges
- High-level troubleshooting approach
- Best practices for secure and scalable VDI environments

Outcome

Participants gain a clear conceptual understanding of VDI, applicable to any technology stack.