

MR-147 5 Days (35 Hours)

- Installing vCenter Server 5.
- 5 on Windows.
- Deploying the vCenter 5 Appliance.
- 5.
- The SSO server.
- The Inventory Service server.
- Practical work Install and configure vCenter 5.
- 5.

Gestion des vNetwork Standard Switchs

- Standard virtual switches.
- Advanced network configuration (security, traffic management, teaming management).
- Practical work Configure network elements .
- » Storage management under vSphere: vStorage Presentation of the different storage protocols.
- Fiber Channel SAN storage, iSCSI SAN and NFS.
- Creation and management of Datastores.
- Practical work Configure storage.

Création, déploiement et administration des machines virtuelles (VM)

- Creation, deletion and management of VMs, templates.
- Cold migration of a VM.
- Management of virtual hardware: Thin Provisionning, VMDirectPath.
- Snapshots of virtual machines.
- Backing up VMs with VMware Data Protection.
- Monitoring and managing resource usage.
- Practical work Create VMs and templates.
- Clone a virtual machine (VM).

Sécurité d'accès à l'infrastructure

- Configure and administer the firewall in ESXi.
- Use Lockdown Mode.
- Integrate ESXi with Active Directory.
- Securing access: roles and permissions.
- Installing vCenter Update Manager.
- Managing updates with VMware Update Manager.

Haute disponibilité et continuité de service

- Managing a VMware High Availability (HA) cluster.
- Fault tolerance with VMware Fault Tolerance.
- VMware vSphere Replication.
- Practical work Implement high availability and a VM backup policy.

Evolutivité du Datacenter virtuel

- VMware Storage VMotion.
- Gestion d'un Cluster Distributed Resource Scheduler.
- Configuration du Enhanced VMotion Compatibility (EVC).
- Gestion de Distributed Power Management (DPM).