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# Master Class: Proxmox v9 - Advanced Administrator's Hands-On (PV9AA)

**ID PV9AA Prix CHF 2 990,- (Hors Taxe) Durée 3 jours**

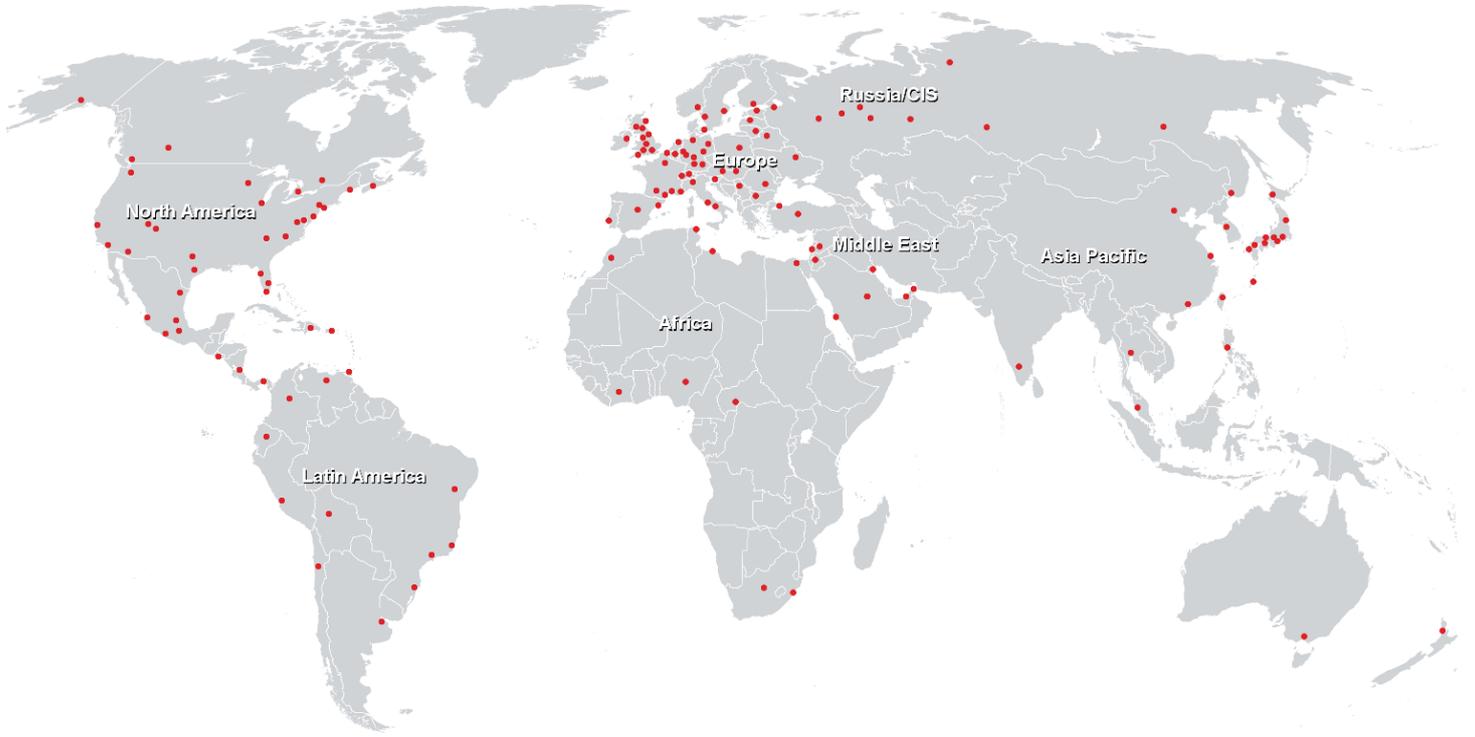
## Contenu

- Overview of Proxmox VE
- Setting up a single node: Concepts / Architecture / Technology
- Hardware requirements for a SingleNode setup
- Installation and management of software updates
- Introduction to web-based administration (GUI)
- network model
- Storage model - local and shared storage
- NEW: VM snapshots on thick-provisioned LVM storage (iSCSI/FC SAN) as volume chains
- NEW: RAIDZ Expansion - Adding devices to existing ZFS RAIDZ pools
- Fundamentals of authentication and user management
- KVM: Creating and managing virtual machines (Windows & Linux)
- LXC: Creating and managing containers (Linux only)
- NEW: Create containers from OCI images (Open Container Initiative)
- NEW: Nested virtualization for specialized VMs
- Manage the startup and shutdown behavior of VMs and containers
- Backup and recovery, scheduling.
- Proxmox VE Firewall
- guest provision
- Proxmox VE Cluster Setup: Concepts / Architecture / Technology
- Hardware requirements for a cluster installation
- Proxmox VE Cluster: Features / Setup / Configuration / Management
- Management of guest operating system uptime
- High availability (HA) – the Proxmox VE HA Manager and Corosync
- NEW: HA rules and resource affinity
- NEW: Datacenter Bulk Actions - Tag-based mass management
- Concepts for improving security
- Hyperconverged infrastructure with Ceph
- NEW: SDN Fabrics—OpenFabric and OSPF for complex network architectures
- Proxmox VE storage replication framework
- Troubleshooting (for single-node setups and cluster installations)
- Establishing a baseline for node performance (networks & clusters)
- Migrating VMware workloads to Proxmox (introduction)

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## Centres de formation dans le monde entier



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