

US950

Virtualization for ABB Control Systems Using VMware® ESXi environment



Learn How to use VMware® ESXi environment and how it can be used to virtualize your ABB Control System. Configure a complete virtual system with lectures and hands on exercises.

Course type and methods

This is an instructor led workshop with short presentations and demonstrations, extended exercises, hands on sessions and discussion.

Student Profile

This ABB University Course is targeted to system engineers, service & support engineers and system administrators.

Duration

The duration is 5 days

Course objectives

Upon completion of this course the participants will be able to:

- Describe and explain the purpose, principles and advantages of virtualization
- Setup and configure a VM by using VMware® VMWorkstation
- Plan and design the required hardware for a VMware® ESXi environment
- Set up and configure an ESXi server environment
- Set up virtual Control and Client/Server networks
- Create an virtualized server and client
- Configure networking internal and external to the system
- Make backups of VM by using Acronis® software into a virtual environment.
- Handle licensing, security and data exchange in an ESXi environment
- Learn about proper time sync configurations for the DCS and the ESXi environment
- Advance topics relating to ESXi; SANs, iSCSI, High Availability, vCenter configuration