E111
System 800xA
Virtualization of Server Nodes using VMware® ESXi

Workshop goal

Virtualization can be used in 800xA systems to combine multiple 800xA server nodes onto a single computer. This reduces the required computer space and hardware costs and simplifies the system maintenance. The students learn the basics of virtual machines, setting up of a VMware® ESXi environment and finally configure a complete redundant 800xA system with virtual server nodes.

Learning objectives

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

- Describe and explain the purpose, principles and advantages of virtualization

- 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 800xA System (AS/CS) in an ESXi server

- Convert an existing Acronis® image into a virtual machine in the ESXi server

- Handle licensing, security and data exchange in an ESXi environment

- Build up a redundant virtual 800xA system

- Connect 800xA clients as physical machines to the virtual 800xA system on ESXi servers

- Use backup and restore procedures in an ESXi environment

Participant profile

This Expert Workshop is targeted to system engineers, service & support engineers and system administrators.

Prerequisites and recommendations

Students should have attended the Administration and Installation course T305 or have knowledge and experience associated with the content of this course. Knowledge about Virtualization is not needed.
The required knowledge can be verified with user assessment module T710e-03.

Workshop type and methods

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

Duration

The duration is 4½ days.

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