T305
System 800xA
Administration and Installation

Course goal

The goal of this course is to learn the Administration and Installation of Extended Automation System 800xA.

Learning objectives

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

- Explain the System 800xA architecture and the function of the different components
- Become familiar with the Installation Prerequisites
- Plan an 800xA System, Install and configure the System
- Perform Backup on 800xA Nodes
- Setup the Network and Verify communication
- Configure OPC Communication
- Create and Configure Users and Access Restrictions
- Configure Group Policies
- Setup Audit Trail Lists
- Setup Time Synchronization
- Diagnose and Maintain the 800xA System

Participant profile

This training is targeted to System Administration Personnel.

Prerequisites

Students shall know the fundamentals of 800xA and knowledge of Windows 7, Windows 2008 Server OS and Networking technologies.

Topics

- System 800xA architecture
- Installation Prerequisites
- System Installation
- Backup Nodes
- Network Setup
- OPC Communication
- 800xA Security
- Audit Trail
- Time Synchronization
- Backup and Restore
- Server Redundancy
- Diagnostics
- Preventive Maintenance

Course type and methods

This is an instructor led course with interactive classroom discussions and associated lab exercises. Approximately 50% of the course is hands-on lab activities.

Duration

The duration is 5 days.

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Course outline

Day 1

- Course overview
- System 800xA Architecture
- Installation Prerequisites
- System Installation

Day 2

- System Installation
- Backup Nodes

Day 3

- Network Setup
- OPC Communication
- 800xA Security

Day 4

- Operator Workplace Restrictions
- Audit Trail
- Time Synchronization
- Backup & Restore
- Server Redundancy

Day 5

- PC and Network Monitoring
- Diagnostics
- Preventive Maintenance

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