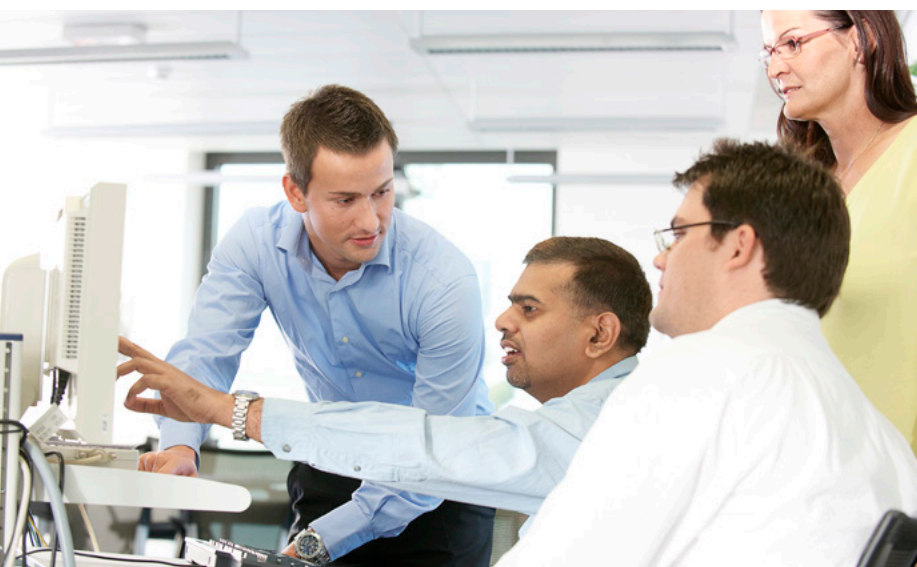


S303

Cyber Security for Symphony Plus



Learn to configure and administer the Cyber Security controls of your Windows Operating System and Symphony Plus Control System including System Hardening, Role Based User Management and Microsoft Patching.

Course type and methods

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

Student Profile

This course is for customers who maintain and administer their ABB Symphony Plus control systems.

Prerequisites

Before attending this course, students must have strong knowledge of Windows 7, Windows 2008 Server, TCP/IP Networks, and Microsoft Active Directory administration and troubleshooting.

Course objectives

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

- Understand the basic theories of implementing a defense in depth program.
- Execute basic system hardening on a Symphony Plus control system.
- Understand and administer the capabilities of Role-based user management in Symphony Plus.
- Apply custom security levels and security groups to Symphony Plus databases
- Familiarize with ABB's Patch Testing program and patch a system using various methods.

Main topics

- Defense in Depth
- Windows Services
- Windows Firewall
- Security Policy
- Group Policy Management
- Switch Hardening
- Active Directory Users and Computers
- Symphony Plus User Roles and Rights
- Symphony Plus Security Levels and Groups
- Symphony Plus Operations Rights
- Microsoft Patching

Duration

The duration is 4 days

Course Outline

Day 1	Day 2	Day 3	Day 4
<ul style="list-style-type: none">• Course Introduction• System Hardening of Services• System Hardening of Host-based Firewall	<ul style="list-style-type: none">• System Hardening of Group and Local Policy• System Hardening of Switches• Introduction to User Management	<ul style="list-style-type: none">• User Management in Active Directory• User Management in Symphony Plus	<ul style="list-style-type: none">• Security Levels, Security Groups, and Operations Rights• Microsoft Patching

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