

Class time consists of a break in the morning and afternoon as well as an allotted time for lunch. Lengths of breaks are at the discretion of the instructor based on the time to cover material.

5 Day Imprivata Certification Course Agenda

Day 1 Morning – Architecture

Lessons	Topics
<i>Introductions Overview</i>	<ul style="list-style-type: none"> • OneSign Feature Overview • What is Strong Authentication? • What is Single Sign-On? • Imprivata Customer Support Center
<i>Components of OneSign</i>	<ul style="list-style-type: none"> • OneSign Components • Distributed Single Site Implementation • OneSign Appliance Components • Primary Functions of the Appliance • OneSign Administration UI's Primary Functions • Supported Environments: Administration UI
<i>Web Services Architecture</i>	<ul style="list-style-type: none"> • Imprivata Secure Exchange • Supported User Directories: Appliance • Supported Environments: Application • Supported Environments: OneSign Agent
<i>Enterprise Platform</i>	<ul style="list-style-type: none"> • Overview of Distributed Architecture – An Enterprise • Distributed Primary & Disaster Recovery Implementation • Enterprise Platform: Multi-site • Network Efficiency – Audit Data Replication • Back Up Configuration • Replication Components and Status • Agent Connections/Failover in Distributed Environment • OneSign Site Appliance Topology • OneSign Appliance: Physical vs. Virtual
<i>Roles and Responsibilities</i>	<ul style="list-style-type: none"> • Project Team • Administration Role

Day 1 Afternoon – Configuring the Appliance

Subject	Primary Objectives
<i>Overview of Appliance Administration Screens</i>	<ul style="list-style-type: none"> • Administration • Network • System • Enterprise • Security • Packages
<i>OneSign Database Back Up</i>	<ul style="list-style-type: none"> • Back Up Process • Using the Appliance Configuration Wizard
<i>Maintain Enterprise</i>	<ul style="list-style-type: none"> • Add Appliance • Remove Appliance • Replace appliance • Rename site

Day 2 Morning – Authentication Management & Domain Essentials

<i>Overview of Authentication</i>	<ul style="list-style-type: none"> • Review Domain Synchronization • Authentication: Username/Password (non-Kerberos) • Authentication: Username/Password or AD Smart Cards (w/Kerberos) • Authentication: OneSign Agent: Strong Authentication Workflow (non-Kerberos)
<i>OneSign PIN as a Second Factor for Authentication</i>	<ul style="list-style-type: none"> • Fingerprint Identification Authentication with a OneSign PIN • Proximity Card Authentication with a OneSign PIN
<i>Emergency Q&A Access</i>	<ul style="list-style-type: none"> • Assigning and Revoking Emergency Access Privileges • Deleting Emergency Access Enrollment Data for a User • Restricting Emergency Access at Some Computers
<i>Authentication Management</i>	<ul style="list-style-type: none"> • Overview of Authentication • OneSign PIN as a Second Factor for Authentication • Emergency Q&A Access
<i>Domain Essentials</i>	<ul style="list-style-type: none"> • Adding a network domain to the OneSign Environment • Domain Synchronization • Creating a OneSign Domain

Day 2 Morning – OneSign Agent Essentials and Installation

<i>Components of OneSign Agent</i>	<ul style="list-style-type: none"> • OneSign Administration UI's Primary Functions • OneSign Agent Logic • Supported Key Environment Types
<i>Types of Agents</i>	<ul style="list-style-type: none"> • Test Agent • Citrix Agent • Kiosk Agent • Single User Agent
<i>Install OneSign Agent</i>	<ul style="list-style-type: none"> • IPTXPrimServer • Agent Installers • Installation Methods & Utilities • Manual Execution of OneSign Agnet.msi
<i>OneSign Agent Menus</i>	<ul style="list-style-type: none"> • Standard Agent Menu – User • Advanced Agent Menu
<i>Planning for Agent Deployment</i>	<ul style="list-style-type: none"> • Strong (Two-Factor) Authentication • Platforms • Web Browsers • Third Party Software • Remote Access Technologies • Citrix/Terminal Services Environment • Applications

Day 2 Afternoon – OneSign Properties and Features

<i>Properties Tab within OneSign User Interface</i>	<ul style="list-style-type: none"> • Licensed Features within OneSign
<i>System Settings Tab</i>	<ul style="list-style-type: none"> • Configuring Audit Records • Configuring File and Mail Server within OneSign • Self Service Cutomization
<i>RADIUS Tab</i>	<ul style="list-style-type: none"> • ID Token Connection Parameters • OneSign Proxy to RADIUS • OneSign RADIUS Host
<i>OneSign Extension Tab</i>	<ul style="list-style-type: none"> • Carefx Extension Object • Procedure Code Extension Object • Managed Exe for MEDITECH Extension Object
<i>ProveID</i>	<ul style="list-style-type: none"> • Allowing external applications to access OneSign authentication services.
<i>Sites</i>	<ul style="list-style-type: none"> • Manage OneSign Sites within the User Interface
<i>Virtual Desktop</i>	<ul style="list-style-type: none"> • Supported Virtual Desktops • Manage Virtual Desktops within OneSign

Day 2 Afternoon - User Policies

<i>Create & Manage User Policies</i>	<ul style="list-style-type: none"> • Planning and Creating User Policy
<i>Set Authentication Rules</i>	<ul style="list-style-type: none"> • Second factor Authentication • Fingerprint Authentication Settings • Proximity Card Authentication Settings
<i>Setting User Challenges</i>	<ul style="list-style-type: none"> • Challenges • Concurrent User Sessions
<i>Managing OneSign Self-Services</i>	<ul style="list-style-type: none"> • Technical Considerations • Enrollment • Emergency Network Access • Lock Out Rules
<i>Setting up Domain</i>	<ul style="list-style-type: none"> • Adding a Network Domain to OneSign • Connecting to MS Directory • Implementing Password Change Policy for a OneSign Directory Domain • Managing OneSign Directory Domain
<i>Manage User Policies</i>	<ul style="list-style-type: none"> • Copy Existing User Policy

Day 2 Afternoon - Computer Policies

<i>Overview of Computer Policies</i>	<ul style="list-style-type: none"> • Computer Policies for Single-User Computers • Computer Policies for Multiple Desktop Workstations • Computer Policies for Kiosks • Computer Policies for Terminal Servers
<i>Configuring Policies</i>	<ul style="list-style-type: none"> • Restarting Workstations from Lock • Displaying Name Format • Agent Upgrades • Enforcing OneSign Authentication • Permitting Electronic Prescriptions for Controlled Substances • Configuring RFIDEas Card Readers
<i>Configuring Polices for Shared Workstations</i>	<ul style="list-style-type: none"> • Types of Workstations
<i>Configuring Walk-Away Security</i>	<ul style="list-style-type: none"> • Inactivity Settings • Camera Based Presence Detection • Proximity Card Behavior • Configuring Warning Behavior, Screen Lock Behavior, and Transparent Screen Lock
<i>Configuring User Roaming in a Citrix or Terminal Server</i>	<ul style="list-style-type: none"> • Policy Parameters • Ticket Authentication • Fast User Switching for Shared Workstations w/OneSign Agent • Thin Client Fast User Switching
<i>Assign Computer Policies</i>	
<i>Managing User Accounts and Computers</i>	<ul style="list-style-type: none"> • Using search Utility • Enabling/Disabling Applications for Individual Users (SSO only) • Adding a New Individual User Already in Your Domain • Deleting/Enabling/Disabling User Accounts
<i>Managing User Lists</i>	<ul style="list-style-type: none"> • Synchronizing to an Existing OneSign Domain • Set Rules for Synchronization • Controlling Synchronization Behavior of Parent & Child Organizational Units • Importing Additional User Attributes from the User Directory • Scheduling Automatic Synchronization • Synchronizing the Database to Selected Domain

Day 2 Afternoon - Logs and Reporting

<i>OneSign Application & Appliance Logs</i>	
<i>Viewing Logs</i>	
<i>Exporting Logs</i>	
<i>Reporting</i>	<ul style="list-style-type: none"> • User Reports • Application Reports • Computer Reports • Notifications
<i>Generating a Report</i>	<ul style="list-style-type: none"> • Exporting a Report to a .CSV File

Day 3 Morning - Application Profile Essentials

<i>How Does It Work?</i>	<ul style="list-style-type: none"> • Learning, Testing, Deploying • Preparation • Understanding How OneSign Recognizes an Application
<i>Application Types</i>	<ul style="list-style-type: none"> • Client Server Applications • Web Applications • Java Applications • Terminal Emulation • Hybrid Applications
<i>Map the Application Workflow</i>	<ul style="list-style-type: none"> • Login Screens • Change Password Screens • Custom Screens • Exiting Application • Test Environment
<i>Capturing and Proxying Credentials</i>	<ul style="list-style-type: none"> • Starting Application Profile Generator (APG) • APG Interface • Credential Capture Methods • Native Capture • Get Text? Checkbox • Credential Enrollment Window (ECC) • Advance Credential Proxy (Long String)

Day 3 Afternoon - Profiling the Application

<i>Overview</i>	<ul style="list-style-type: none"> • Launching APG • Edit a Profile
<i>Screen Identification</i>	<ul style="list-style-type: none"> • Create New Application Profile • Learn Application Screen • Text Comparison Engine & Glossary • Wildcards • Configure Login Screen • Alternative Screen Usage • Profiling the Change Password and Additional Screens • Adding Additional Screens
<i>Credential Capture</i>	<ul style="list-style-type: none"> • Agent Logics for Credential Capture • OneSign Credential Enrollment Window
<i>Advance Proxy</i>	<ul style="list-style-type: none"> • Send Text Checkbox • Entering Keystrokes • Specifying Keystrokes • Cursor Coordinates Finder • AutoSubmit
<i>Configuring Shutdown and Log Off Sequence</i>	
<i>APG Variations</i>	<ul style="list-style-type: none"> • Host – Based applications

Day 4 Morning - Test and Deploy

<i>Testing the Application Profile</i>	<ul style="list-style-type: none">• Test Application• Test Change Password• Test Mode and Change Password
<i>Troubleshooting</i>	<ul style="list-style-type: none">• Login Screen• Recognition• Capture• Proxy
<i>Deploying Application Profiles</i>	<ul style="list-style-type: none">• Preparing for Go Live• Deployment• Deploying to Specific Agents• Defining Credential Types• Defining Security Options• Defining Password Policy• Post Deployment

Day 5

Certification Exam	
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