

Technical Training – Course Agenda

**SafeNet Network HSM**  
Luna 7 Certification Course

Day 1 (Luna 7 Introduction and Overview)

Session	Session Type	Course Documentation	Schedule
<b>Welcome and Course Introduction</b>		Course agenda	09:00 – 09:15
<b>Session 1: Introduction to HSMs and the Luna 7</b> <ul style="list-style-type: none"> <li>• Crypto 101</li> <li>• Product Introduction</li> <li>• Use Cases</li> <li>• HSM ecosystem</li> </ul>	Class	01 - Introduction	09:15 – 10:30
<i>Coffee break</i>			15 min
<b>Session 2: Product Basics</b> <ul style="list-style-type: none"> <li>• Product Properties</li> <li>• Product Types – PED vs PWD</li> <li>• Model Comparison</li> <li>• PED Overview</li> <li>• Licensing</li> </ul>	Class	02 – Product Basics	10:45 – 12:30
<i>Lunch break</i>			60 min
<b>Session 3: Product Configuration</b> <ul style="list-style-type: none"> <li>• HSM Initialization</li> <li>• Roles – HSM vs Appliance</li> <li>• Configuration Best Practices</li> <li>• Cloning Domain Concepts</li> <li>• Partitions &amp; Policies</li> <li>• Secure Transport Mode</li> </ul>	Class	03 – Product Configuration	13:30 – 15:00
<i>Coffee break</i>			15 min
<b>Session 5: Initial Configuration</b> <ul style="list-style-type: none"> <li>• Setup &amp; demo the Luna 7 solution</li> <li>• Initialize the HSM</li> <li>• Configure the appliance</li> <li>• Initialize the RPV for remote PED</li> </ul>	Lab/Demo	01 - Initial Configuration	15:00 – 17:00

## Technical Training – Course Agenda

### Day 2 (Product Configuration and Management)

Session	Session Type	Course Documentation	Schedule
<b>Session 1: Client Configuration</b> <ul style="list-style-type: none"> <li>• The Luna Client</li> <li>• Features</li> <li>• Authentication (NTLS &amp; STC)</li> <li>• HSM Utilities</li> <li>• Customizing Configuration</li> </ul>	Class	04 - Client Configuration	09:00 – 10:00
<i>Coffee break</i>			15 min
<b>Session 2: Client Registration</b> <ul style="list-style-type: none"> <li>• Install the Luna Client</li> <li>• Register the client</li> <li>• Create and initialize a partition</li> <li>• Remote PED Server setup</li> </ul>	Lab	02 - Client Registration	10:15 – 11:30
<b>Session 3: HSM Tools</b> <ul style="list-style-type: none"> <li>• CKDEMO</li> <li>• Multitoken</li> <li>• CMU</li> </ul>	Lab	03 - HSM Tools	11:30 – 12:30
<i>Lunch break</i>			60 min
<b>Session 4: Product Administration</b> <ul style="list-style-type: none"> <li>• Backup &amp; Restore</li> <li>• High Availability</li> <li>• Luna 4.x, 5.x, 6.x Migration Methods</li> <li>• Audit &amp; Logging</li> <li>• Tamper Concepts</li> </ul>	Class	05 - Product Administration	13:30 – 14:45
<i>Coffee break</i>			15 min
<b>Session 5: Backup &amp; Restore</b> <ul style="list-style-type: none"> <li>• Initialize the RBH</li> <li>• Remotely backup and restore lunaCM</li> <li>• Locally backup using lunaSH</li> </ul>	Lab	04 - Backup and Restore	15:00 – 16:00
<b>Session 5: High Availability</b> <ul style="list-style-type: none"> <li>• Setup and configure an HA group</li> <li>• Test functionality</li> <li>• Test failover and recovery methods</li> <li>• HA Logging</li> </ul>	Lab	05 – High Availability	16:00 – 17:00

Technical Training – Course Agenda

Day 3 (Advanced Administration, FMs and Integrations)

Session	Session Type	Course Documentation	Schedule
<b>Session 1: STC</b> <ul style="list-style-type: none"> <li>• Create a STC link between a client and a partition</li> </ul>	Lab	06 - Secure Trusted Channel	09:00 – 10:00
<i>Coffee break</i>			15 min
<b>Session 2: Audit and Logging</b> <ul style="list-style-type: none"> <li>• Configure log events using the Audit Officer</li> <li>• Setup and configure syslog</li> <li>• Analyze and interpret HSM logs</li> <li>• CKlog</li> <li>• Partition Utilization Metrics</li> </ul>	Lab	07 - Audit and Logging	10:15 – 11:30
<b>Session 3: Advanced Configuration</b> <ul style="list-style-type: none"> <li>• Functionality Modules (FM)</li> <li>• FM compiling and samples</li> </ul>	Class	06 - Advanced Configuration and Concepts	11:30 – 12:00
<i>Lunch break</i>			60 min
<b>Session 3: Advanced Configuration - Continued</b> <ul style="list-style-type: none"> <li>• SDK and APIs</li> <li>• REST-API</li> <li>• CCC</li> </ul>	Class	06 - Advanced Configuration and Concepts	13:00 – 14:00
<b>Closing Lab: Active Directory Certificate Services Integration with an HSM</b>	Lab	08 - Active Directory Certificate Services Integration	14:00 – 15:30
<b>SafeNet Luna SA 7 Certification Exam</b>	Exam	Training Portal	15:30 – 17:00
<b>HSM Video Tutorials:</b> <ul style="list-style-type: none"> <li>• Initialization of a Luna 7 PED HSM</li> <li>• Initialization of a Luna 7 PWD HSM</li> <li>• Luna 7 MS ADCS Integration</li> <li>• Functionality Module Walkthrough</li> <li>• Remote Backup Service(RBS) Setup</li> </ul>	Demo	Training Portal	