

HSM Configuration

Document Information	
Namn	HSM Configuration
Version	1.0
Editor	Leif Johansson
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Purpose and scope

This process documents configuration changes to the HSM security module. Configuration steps include changes to HSM Partition Policies or HSM Policies.

Governing policies

This procedure is governed by the following policies:

- SUNET Key Management Policy (SUNET KMP)
- SUNET Asymmetric HSM Service KMPS

Roles

Number of Persons	Role Name	Responsibilities
1	SO	Perform configuration changes
1	SO	Document process and oversight

Procedure Steps

Role	Description
KCO	Preparation <ol style="list-style-type: none"> 1. Login to the HSM appliance 2. Connect the PED (local or remote)
Completed (yes/no)	Notes
Time &Date	Signature/Initial



SUNET KMF Procedure

Role	Description						
Both SO	SO keyset safe extract 1. SOs open their safe deposit boxes 2. Extract the SO keyset tamper evident bags 3. Compare the tamper evident bag seals with the records in the log 4. Record the incoming tamper evident bag seals below						
Completed (yes/no)	Notes						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">SO Name</th> <th style="width: 40%;">Tamper Bag Serial</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	SO Name	Tamper Bag Serial				
SO Name	Tamper Bag Serial						
Time &Date	Signature/Initial						

Role	Description
KCO + both SOs	Authenticate to the HSM At the HSM appliance prompt type: # hsm login Both SOs in turn connect their blue PED keys to the PED to complete the authentication.
Completed (yes/no)	Notes
Time &Date	Signature/Initial

Role	Description
SO	Perform and document configuration changes. A summary of steps taken must be either affixed as a separate note or included below. Notes must include sufficient details to allow verification.
Completed (yes/no)	Notes
Time &Date	Signature/Initial

Role	Description						
Both SO	<p>SO keyset safe deposit</p> <ol style="list-style-type: none"> SOs deposit their PED key chains in separate tamper evident bags. Make a record of the SO outgoing tamper evident seal serials below <table border="1" data-bbox="529 1453 1356 1576"> <thead> <tr> <th>SO Name</th> <th>Tamper Bag Serial</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table> <ol style="list-style-type: none"> The SOs deposits the tamper evident bags in their individual deposit boxes. 	SO Name	Tamper Bag Serial				
SO Name	Tamper Bag Serial						
Completed (yes/no)	Notes						
Time &Date	Signature/Initial						



SUNET KMF Procedure

Role	Description
KCO	Finish up 1. At the HSM appliance prompt type: # hsm logout 2. Close the HSM appliance ssh session 3. Disconnect the PED and store all relevant equipment in the safe 4. Include this document in the log 5. Close the safe
Completed (yes/no)	Notes
Time &Date	Signature/Initial