## show license

- show license all, page 1
- show license info, page 2
- show license smart-tags, page 3
- show license statistics, page 3
- show license summary, page 5

### show license all

**Table 1: show license all Command Output Descriptions**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart Licensing Status</td>
<td>Display info of the device status like:</td>
</tr>
<tr>
<td></td>
<td>• Enabled or Disabled</td>
</tr>
<tr>
<td></td>
<td>• Registration Status, EVALUATION or REGISTERED mode</td>
</tr>
<tr>
<td></td>
<td>• Smart Account, registered with which smart account</td>
</tr>
<tr>
<td></td>
<td>• Virtual Account, registered with which virtual account</td>
</tr>
<tr>
<td></td>
<td>• Time of registration</td>
</tr>
<tr>
<td></td>
<td>• Next renewal time</td>
</tr>
<tr>
<td></td>
<td>• When current registration will expire</td>
</tr>
</tbody>
</table>
### License Usage
Displays both the license name and the human readable portion of the entitlement tag in the following format:

- **LICENSE_NAME** (readable tag portion):
  
  The LICENSE_NAME is the license name the customer sees on the CSSM. This name is only available to the agent after registration because it is sent to the agent from the CSSM.
  
- **Description**:
  
  This is the license description user can see on the CSSM. This description is only available to the agent after registration because it is sent to the agent from the CSSM.
  
- Version of the license
- The count that is in use
- Status of the license

### Product Information
Displays device-specific information, including:

- Product ID
- Serial Number
- Version ID

### Agent Version
Displays which version of Smart Licensing agent is running on the product.

## show license info

### Table 2: show license info Command Output Descriptions

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comment</td>
<td>Comment line for appropriate license key information</td>
</tr>
<tr>
<td>Device 1</td>
<td>Model and Serial number for device running license.</td>
</tr>
<tr>
<td>Device 2</td>
<td>Same as Device 1 or Unspecified</td>
</tr>
<tr>
<td>Issued</td>
<td>Date license issued</td>
</tr>
<tr>
<td>Expires</td>
<td>Date license expires</td>
</tr>
<tr>
<td>Issued by</td>
<td>License issuing authority</td>
</tr>
<tr>
<td>Key number</td>
<td>License key number</td>
</tr>
</tbody>
</table>
### show license smart-tags

**Table 3: show license smart-tags Command Output Descriptions**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tag-Id</td>
<td>Displays Id of each service or on/off entitlement tag.</td>
</tr>
<tr>
<td>Feature / Service</td>
<td>Displays type of service or on/off feature.</td>
</tr>
<tr>
<td>Smart Entitlement Tags</td>
<td>Displays entitlement tag unique to each service or on/off feature.</td>
</tr>
</tbody>
</table>

### show license statistics

**Table 4: show license statistics Command Output Descriptions**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smart Licensing Status</td>
<td>Displays whether Smart License is Enabled or Disabled.</td>
</tr>
<tr>
<td>Smart Licensing Mode</td>
<td>Displays whether the device is in EVALUATION or REGISTERED mode.</td>
</tr>
<tr>
<td>Total SL Enabled</td>
<td>Indicates total number of times Smart License enabled on this device.</td>
</tr>
<tr>
<td>Total SL Disabled</td>
<td>Indicates total number of times Smart License disabled on this device.</td>
</tr>
</tbody>
</table>
### Indicate if the timer is running for reporting license usage to CSSM

### Different types of timers.
- **Report License Usage** – When this timer expires the current license usage change only will be reported to CSSM.
- **Enforce Policy** – This is not used as of now (ignore).
- **OOC Retry** – When this timer expires it reports to CSSM aggressively with current license usage even if the usage count is not changed.

### Indicates different types of message exchanged between internal process, this is only for debugging purpose for developers.

### Indicates different types of events received between internal process, this is only for debugging purpose for developers.

### Indicates service level stats for EVALUATION and REGISTERED mode.
- **TagId** - Displays Id of each service or on/off entitlement tag
- **Policy** – Current Enforcement Policy either ALLOW new calls or BLOCK incoming new calls
- **CurCallCnt** – Current number of calls reported to CSSM
- **MaxCallCnt** - Max number of calls reported to CSSM
- **LastLicCnt** – Last reported number of Licenses usage to CSSM
- **MaxLicCnt** – Max license usage reported to CSSM
- **ReportSucc** – Inter process reporting success
- **ReportFail** - Inter process reporting failure
- **PChgAllow** – Number of times the particular tag policy changed to ALLOW
- **PChgBlock** – Number of times the particular tag policy changed to BLOCK
- **PChgBounce** – Number of times the message to demux to policy change has bounced
Feature Level Stats Mode

- TagId - Displays Id of each service or on/off entitlement tag
- Policy - Current Enforcement Policy either ALLOW new calls or BLOCK incoming new calls
- Grace - time to expire grace period (grace*feature_report_time = in minutes)
- Status - Current status of feature enabled or disabled
- Once - Did this feature enabled at least once?
- Track - Multiple CLI can map same License needs tracking
- Usage - Total CLI’s using same license
- EnableCnt - Number of times this feature is enabled
- DisableCnt - Number of times this feature is disabled
- ReportSucc - Inter process reporting success
- ReportFail - Inter process reporting failure
- PReqAllow - Number of times the particular tag policy requested to ALLOW
- PReqBlock - Number of times the particular tag policy requested to BLOCK

### show license summary

**Table 5: show license summary Command Output Descriptions**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>License</td>
<td>Displays is the license name the user sees on the CSSM. This name is only available to the agent after registration because it is sent to the agent from the CSSM. This field will be truncated to 23 letters and ‘…’ added if it is too long.</td>
</tr>
<tr>
<td>Entitlement Tag</td>
<td>Displays the human readable portion of the entitlement tag and is always available. This field will be truncated to 25 letters and ‘…’ added if it is too long.</td>
</tr>
<tr>
<td>Count</td>
<td>The count that is in use.</td>
</tr>
<tr>
<td>Status</td>
<td>Status of the license.</td>
</tr>
</tbody>
</table>
show license summary