

View Software Information

Ericsson Service-Aware Policy Controller

Operating Instructions

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[View Software Information](#)



1 Description

This instruction describes how to view the SAPC software information on the Managed Element (ME). The information informs the user of the following:

- Which software items a software version consists of
- Which software versions are active and control the behavior of the ME
- Which software versions are inactive and present on the ME



2 Procedure

2.1 View Software Information

Prerequisites

- The following condition must apply:
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

Steps

1. Navigate to the `SwInventory` Managed Object (MO), for example:


```
> dn ManagedElement=1,SystemFunctions=1,SwInventory=1
```
2. Show the software version and their software items:

The following example output shows the active software version with product name **ERIC-SAPC**, product number **CXP9030138_7**, and product revision **R3A07**.

```
(SwInventory=1)> show active
```

Example

```
active
"ManagedElement=1,SystemFunctions=1,SwInventory=1,SwVersion=ERIC-SAPC-CXP9030138_7-R3A07"
```

To show all the software items available, show the MO Distinguished Name:

```
(SwInventory=1)> show
```

Example

```
SwInventory=1
active
"ManagedElement=1,SystemFunctions=1,SwInventory=1,SwVersion=ERIC-SAPC-CXP9030138_7-R3A07"
SwItem=ERIC-AmfImmObjectsLib-CXC1731655_4-R5A69
SwItem=ERIC-Boost-CXC1739275_4-R5A69
SwItem=ERIC-Brf-CXP9018859_2-R5C14
SwItem=ERIC-BrfCmwA-CXP9018859_2-R5C14
SwItem=ERIC-BrfEia-CXP9024651_2-R5C14
SwItem=ERIC-BrfImmObjectsLib-CXC1734455_4-R5A69
SwItem=ERIC-BrfLib-CXC1734454_4-R5A69
...
SwItem=ERIC-SAPC_EnvironmentPayload-CXP9035386_7-R3A07
[21/7206]
SwItem=ERIC-SAPC_ExternalDatabase-CXP9032415_7-R3A07
SwItem=ERIC-SAPC_GeoRedAggregation-CXP9035797_7-R3A07
SwItem=ERIC-SAPC_GeoRedPayload-CXP9032329_7-R3A07
SwItem=ERIC-SAPC_JRE-CXP9032038_7-R3A07
SwItem=ERIC-SAPC_LicenseMonitor-CXP9032519_7-R3A07
SwItem=ERIC-SAPC_MobilityPolicy-CXP9034045_7-R3A07
...
SwItem=ERIC-ss7caf-eabss7053-cxp9029429-5.1.3-12
```



```
SwItem=ERIC-ss7caf-eabss7053-cxp9029429-6.1.1-03
SwItem=ERIC-ss7caf-eabss7069-cxp9029429-6.1.1-03
SwItem=ERIC-ss7caf-eabss7072-cxp9029429-6.1.1-03
SwItem=ERIC-ss7caf-eabss7077-cxp9029429-6.1.1-03
SwItem=ERIC-ss7caf-eabss7078-cxp9029429-6.1.1-03
SwVersion=ERIC-SAPC-CXP9030138_7-R3A07
```

3. Show detailed information about the software versions and their software items:

```
(SwInventory=1)> show -r
```

The following example output shows further details about the software version and the software items. For example, their respective product name, number, and revision are displayed as part of administrativeData.

Note: The administrativeData *description* field for the SwVersion object, is used to include the **commercial description** of the product.

Example

```
SwInventory=1
active
    "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwVersion=ERIC-SA→
PC-CXP9030138_7-R3A07"
    SwItem=ERIC-AmfImmObjectsLib-CXC1731655_4-R5A69
        administrativeData
            description="ERIC-AmfImmObjectsLib"
            productionDate="2017-10-24T14:58:00"
            productName="ERIC-AmfImmObjectsLib"
            productNumber="CXC1731655_4"
            productRevision="R5A69"
            type="OTHER"
        SwItem=ERIC-Boost-CXC1739275_4-R5A69
            administrativeData
                description="ERIC-Boost"
                productionDate="2017-10-24T14:58:00"
                productName="ERIC-Boost"
                productNumber="CXC1739275_4"
                productRevision="R5A69"
                type="OTHER"
            ..
        SwItem=ERIC-ss7caf-eabss7077-cxp9029429-6.1.1-03
            administrativeData
                description="ERIC-ss7caf-eabss7077-cxp9029429"
                productionDate="2017-10-13T14:59:51"
                productName="ERIC-ss7caf-eabss7077-cxp9029429"
                productNumber="cxp9029429"
                productRevision="6.1.1-03"
                type="OTHER"
        SwItem=ERIC-ss7caf-eabss7078-cxp9029429-6.1.1-03
            administrativeData
                description="ERIC-ss7caf-eabss7078-cxp9029429"
                productionDate="2017-10-13T14:59:55"
                productName="ERIC-ss7caf-eabss7078-cxp9029429"
                productNumber="cxp9029429"
                productRevision="6.1.1-03"
                type="OTHER"
        SwVersion=ERIC-SAPC-CXP9030138_7-R3A07
            consistsOf
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-AmfImmO→
bjeectsLib-CXC1731655_4-R3C04"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-AmfImmO→
bjeectsLib-CXC1731655_4-R5A69"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-Boost-C→
XC1739275_4-R3C04"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-Boost-C→
XC1739275_4-R5A69"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-Brf-CXP→
9018859_2-R5C14"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-BrfCmwA→
-CXP9018859_2-R5C14"
                "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-BrfEia→
```



```
CXP9024651_2-R5C14"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-BrfImm0→
  bjectsLib-CXC1734455_4-R3C04"
  ...
  ...
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7044-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7049-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7050-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7052-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7053-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7069-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7072-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7077-cxp9029429-6.1.1-03"
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwItem=ERIC-ss7caf→
  eabss7078-cxp9029429-6.1.1-03"
  timeOfActivation="2018-02-27T16:27:45"
  timeOfInstallation="2018-02-27T16:27:45"
  administrativeData
    description="SAPC 1.2.0"
    productionDate="2018-02-27T16:27:45"
    productName="ERIC-SAPC"
    productNumber="CXP9030138_7"
    productRevision="R3A07"
    type="APP"
```