

View Software Information

Ericsson Service-Aware Policy Controller

OPERATING INSTRUCTIONS

Copyright

© Ericsson España SA, 2016. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

Disclaimer

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.

Trademark List

All trademarks mentioned herein are the property of their respective owners. These are shown in the document Trademark Information.



Contents

1	Introduction	1
1.1	Prerequisites	1
2	Procedure	3



View Software Information



1 Introduction

This document 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

1.1 Prerequisites

This section describes the prerequisites, which must be fulfilled before using the procedure.

1.1.1 Conditions

The following condition must apply:

- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



View Software Information



2 Procedure

To view software information:

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_6**, and product revision **R1A45**.

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

```
active
  "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwVersion=ERIC-SAPC-CXP9030138_6-R1A45"
```

To show all the software items available, show the MO distinguished name:

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

```
SwInventory=1
  active
    "ManagedElement=1,SystemFunctions=1,SwInventory=1,SwVersion=ERIC-SAPC-CXP9030138_6-R1A45"
    SwItem=ERIC-Boost-CXC1739275_4-R2B02
    SwItem=ERIC-Brf-CXP9018859_2-R2D01
    SwItem=ERIC-BrfCmwA-CXP9018859_2-R2D01
    SwItem=ERIC-BrfLib-CXC1734454_4-R2B02
    SwItem=ERIC-CMWUpgrade
    SwItem=ERIC-CdcIsvComTools-CXC1738193_4-R2B02
    SwItem=ERIC-CluAPI-CXC1732367_4-R2B02
    SwItem=ERIC-CluRun-CXC1732316_4-R2B02
    SwItem=ERIC-EVIP-CXP9017652_3-R2A161
    SwItem=ERIC-LmSa-CXP9021377_2-R2A18
    ...
    SwItem=ERIC-SAPC_RestServer-CXP9032712_6-R1A45
    SwItem=ERIC-SAPC_JRE-CXP9032038_6-R1A45
    SwItem=ERIC-SAPC_ExternalDatabase-CXP9032415_6-R1A45
    SwItem=ERIC-SAPC_DeployTools-CXP9032330_6-R1A45
    SwItem=ERIC-SAPC_EndUserNotifier-CXP9030973_6-R1A45
    SwItem=ERIC-SAPC_PotUtility-CXP9030831_6-R1A45
    SwItem=ERIC-SAPC_GeoRed-CXP9032329_6-R1A45
  SwVersion=ERIC-SAPC-CXP9030138_6-R1A45
```

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.



```
SwInventory=1
  active
    "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwVersion=ERIC-SAPC-CXP9030138_6-R1A45"
  SwItem=ERIC-Boost-CXC1739275_4-R2B02
    administrativeData
      description="ERIC-Boost"
      productionDate="2016-09-06T12:03:00"
      productName="ERIC-Boost"
      productNumber="CXC1739275_4"
      productRevision="R2B02"
      type="OTHER"
  [...]
  SwItem=ERIC-SAPC_SubChargingProc-CXP9031741_6-R1A45
    administrativeData
      description="ERIC-SAPC_SubChargingProc"
      productionDate="2016-09-26T10:01:00"
      productName="ERIC-SAPC_SubChargingProc"
      productNumber="CXP9031741_6"
      productRevision="R1A45"
      type="OTHER"
  SwItem=ERIC-SAPC_LicenseMonitor-CXP9032519_6-R1A45
    administrativeData
      description="ERIC-SAPC_LicenseMonitor"
      productionDate="2016-09-26T10:02:00"
      productName="ERIC-SAPC_LicenseMonitor"
      productNumber="CXP9032519_6"
      productRevision="R1A45"
      type="OTHER"
  [...]
  SwVersion=ERIC-SAPC-CXP9030138_6-R1A45
    consistsOf
      ...
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_CDM-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_DbEventListener-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_DbsProvisioning-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_DbsRestartMonitor-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_DbsSession-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_DeployTools-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_EndUserNotifier-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_Environment-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_ExternalDatabase-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_GeoRed-CXP9032329_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_JRE-CXP9032038_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_LicenseMonitor-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_MySqlCluster-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_PcBrf-CXP9030834_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_PcrfProc-CXP9030097_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_PotUtility-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_QueryServer-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_RestServer-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_SoapNotificationService-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_SubChargingProc-CXP9031741_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_TTController-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_TTNotifier-CXP9030054_6-R1A45"
      "ManagedElement=1, SystemFunctions=1, SwInventory=1, SwItem=ERIC-SAPC_Tools-CXP9032431_6-R1A45"
    timeOfActivation="2016-09-26T16:56:27"
    timeOfInstallation="2016-09-26T16:56:27"
    administrativeData
      description="ERIC-SAPC"
      productionDate="2016-09-26T16:56:27"
      productName="ERIC-SAPC"
      productNumber="CXP9030138_6"
      productRevision="R1A45"
      type="APP"
```