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Customer Deliverable Documentation
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SmartWare Migration Notes

R5 to R6

Introduction

SmartWare R6 is a major release step for SmartNode software. The previous major release was R5. Major rework in software architecture incurs in major release steps. Careful testing is suggested when migrating from R5 to R6 as some risk is associated.

The SmartWare Software Release Concept dictates the life cycle of existing R5 releases as well as of the new Release R6. Please see the White Paper about SmartWare software releases http://www.patton.com/solutions/SmartWare%20Release%20Strategy%20White%20Paper.pdf for more information about the terminology.

New products supported by R6

The following new products are supported by R6 and are not available in R5:

SmartNode 4120 Series (HW Version: 1.x)
SmartNode 4660, 4670 Series (HW Version: 1.x)
SmartNode DTA Series (HW Version: 1.x)

New software features introduced with R6

At the time of its first release R6 does not introduce any new software features. With future builds more features will be added to R6.T (Technology Release) that are not supported in R5.

Software features not supported by R6

All software features present in SmartWare R5 are available in R6.

Compatibility of Configuration Files

Configuration files used with SmartWare R5 can be reused on R6 with some important limitation concerning the FXO Caller-ID as exposed in the next section. To avoid any loss of configuration data, please save your current startup-config file to a backup file using the copy command.

Additional Help, Questions

For additional help or any questions, please contact Patton or Patton-Inalp Technical Support at:

USA: support@patton.com, +1-301-975-1007, Monday-Friday, 8:00AM to 5:00PM EST

Switzerland: support@patton-inalp.com, +41-31-985-25-55, Monday-Friday, 8:00AM to 5:00PM CET

Modified Configuration Commands

FXO Caller-ID format

First appeared in build series: 2011-07-14

Caller-ID format configuration for FXO has been moved from *port fxo* configuration to the call-control *interface fxo* configuration.

New

Mode: interface fxo

	Command	**Purpose**
Step 1	**[node](if-fxo)# caller-id format {bell | etsi}**	Specifies which line protocol is used for caller-id transmission. Use bell for US / Canada, etsi for Europe. If caller-id is not enabled or wrong configured, detection of caller-id is not possible. Default: etsi

Old

Mode: port fxo

	Command	**Purpose**
Step 1	**[node](prt-fxo)[slot/port]#caller-id format {bell | etsi}**	Specifies which line protocol is used for caller-id transmission. Use bell for US / Canada, etsi for Europe. If caller-id is not enabled or wrongly configured, detection of caller-id is not possible. Default: etsi

ISDN stack debugging

First appeared in build series: 2011-07-14

The command for enabling and disabling isdn event debugging monitors has been enhanced with the port-type parameter.

New

Mode: Operator execution

	Command	**Purpose**
Step 1	**[node]#debug isdn event {bri | e1t1} *slot port* {all | layer2 | layer3}**	Logs in detail the operation on the ISDN port (protocol stack layers 2 to 3).

Old

Mode: Operator execution

	Command	Purpose
Step 1	**[node]#debug isdn event *slot port* {all | layer2 | layer3}**	Logs in detail the operation on the ISDN port (protocol stack layers 2 to 3).

ISDN stack information

First appeared in build series: 2011-07-14

The command for getting information about the state of the Q.921 and Q931 protocol has been enhanced with the port-type parameter.

New

Mode: Operator execution

	Command	Purpose
Step 1	**[node]#show isdn [{bri | e1t1} *slot port*] [{calls | status}] [detail <level>]**	Show the status of one or more ISDN ports. If the optional arguments slot/port are omitted the status of all ISDN ports is displayed. *Level* could be 1 to 5. Level 1 shows less, level 5 shows all available information. Default level is 3.

Old

Mode: Operator execution

	Command	Purpose
Step 1	**[node]#show port isdn [*slot port*] [{calls | status}] [detail <level>]**	Show the status of one or more ISDN ports. If the optional arguments slot/port are omitted the status of all ISDN ports is displayed. *Level* could be 1 to 5. Level 1 shows less, level 5 shows all available information. Default level is 3.