

IPWorks Library Changes from 2.1 R2A to 2.2 R3A

LIBRARY REVISION INFORMATION

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1 Introduction

This document shows the changes in the <product name> library between the following releases:

From Ericsson IPWorks 2.1 EN/LZN 768 0144/3 R2A
To Ericsson IPWorks 2.2 EN/LZN 768 0144/3 R3A

The following changes are shown:

- Documents added
- Documents changed
- Documents removed

The reason for a change is described, for example, new, updated, or removed features, as well as corrected faults and responses to change requests.

Minor changes, however, such as language corrections, link errors, and editorial improvements are not shown in the tables below unless these are the only corrections in the update.

2 Description of Changes

The structure in this section reflects the structure of the current library.

2.1 New and Changed Documents

2.1.1 Library Overview

Table 1 Library Overview

Title	Identity	Change
IPWorks Library Overview	1551-EN/LZN 768 0144/3 Uen F	
IPWorks Library Changes from 2.1 R2A to 2.2 R3A	3/109 45-EN/LZN 768 0144/3 Uen C1	



2.1.2 Product Overview

Table 2 Product Overview

Title	Identity	Change
IPWorks Technical Description	221 02-FGC 101 3568 Uen D	Update for IPWorks 2.2. Dereck comment: delete a sentence in section "Provisioning Redundancy".
Virtualized IPWorks Infrastructure Requirements	1/1056-AVA 901 33/3 Uen G	Comments from Derek Duan: add two rows in the table in section "Network Requirements". Fix TR#HX10987: Update content related to "static routing with BFD" in section 2.2 Logical Network Overview.

2.1.3 Planning

Table 3 Planning

Title	Identity	Change
IPWorks 2 Characteristics	155 02-FGC 101 3568 Uen G	Update G10 information and some formats.
IPWorks 2 Network Impact Report	2/109 48-FGC 101 3568 Uen J	Update for IPWorks 2.2. Add G10 information. "Delete no impact information. Update for IPWorks 2.2."
IPWorks Network Connectivity Overview	1/1551-AVA 901 33/3 Uen G	Fix CPI note: related to CAL#83942, CAL#83195, CAL#83194, CAL#83286, CAL#83196 about HDS. "CPI note: related to CAL#83942, CAL#83195, CAL#83194, CAL#83286, CAL#83196 about HDS, update after PC review. "
IPWorks Network Connectivity Overview for KVM	8/1551-AVA 901 33/3 Uen E	Fix TR#HX10987: Update content related to "static routing with BFD" in table 2, Path supervision.
Reference Hardware Requirement for KVM Deployment	4/1551-AVA 901 33/3 Uen A	New document

2.1.4 Data Migration

Table 4 Data Migration

Title	Identity	Change
Data Migration from IPWorks HP 15B FD1 CP3 to IPWorks 2	25/1553-AVA 901 33/3 Uen F	
IPWorks Data Migration Description	14/1551-AVA 901 33/3 Uen A	New document First draft. Based on IPWorks Data Migration Function Overview.
IPWorks Configuration and Data Migration from HP ProLiant DL380 Gen9 to Gen10	40/1553-AVA 901 33/3 Uen A	New document New added for G10.



2.1.5 Operation and Maintenance

Table 5 Operation and Maintenance/VNF Life Cycle Management

Title	Identity	Change
IPWorks VNF Life Cycle Management	31/1553-AVA 901 33/3 Uen G	CPI note: fix CAL#83286, CAL#83196 "CPI note: CAL#83286, CAL#83196, update after PC review. HDS: update the referred section name ""SDN Network Configuration for IPWorks VNF"". Workflow scale-out/in: Add a new section 4.2 Scale VNF."

Table 6 Operation and Maintenance/Fault Management

Title	Identity	Change
IPWorks Fault Management Guide for DL380 Platform	3/1553-AVA 901 33/3 Uen H	"G10: update related information. Fix TR#HX10116: move section 4.4 ""Trap Handler Configuration"" to section 3.2.4 and change the title to ""Configuring Trap Handler""."

Table 7 Operation and Maintenance/Fault Management/Alarms

Title	Identity	Change
IPWorks Alarm List for DL380 Host Management	5/006 51-AVA 901 33/3 Uen C	G10: add G10 information.

Table 8 Operation and Maintenance/Fault Management/Troubleshooting Information

Title	Identity	Change
IPWorks Troubleshooting Guideline	1/154 51-AVA 901 33/3 Uen J	"DNS GUI Improvement: Update GUI change related content in section 5.5.2.2. CPI note: CAL#84910, CAL#84911: update the commands in section ""Ineffective Diameter over SCTP"". Workflow scale-out/in: Add new section 5.25 IPWorks Workflows Problems." "Fix TR#HW94595: add a substep in Locating Fault of section ""MySQL Data Node Cannot Be Started with Error Code 2311"". G10: add G10 information. support IPWorks 2.2 upgrade and migration: Add more check point in section 5.3.4.2 Locating Fault. Fix TR#HX17107: Add a new troubleshooting case in section 5.19.3 Slave SQL Process Not Running After Cluster Reboot on Slave Site."

Table 9 Operation and Maintenance/Configuration Management

Title	Identity	Change
IPWorks Configuration Management	6/1551-AVA 901 33/3 Uen F	
Configure DNS and ENUM	7/1543-AVA 901 33/3 Uen F	"CPI Note: CAL#80089: update the description in section ""Configuring Routing Number Format in ENUM Response for MAP"". Fix TR#HX11389: add a new step in section ""Configuring TCP Port 53 Support for DNS+ENUM Deployment""."
Configuring Centralized SS for DNS User Guide	14/1553-AVA 901 33/3 Uen B	New document Centralize SS for DNS: Add license related content.
Configure Radius AAA	49/1543-AVA 901 33/3 Uen E	MRD40510: Add a new section of "Configuring MSISDN Authorization for Home AAA Server".
Configure EPC AAA	38/1543-AVA 901 33/3 Uen E	CPI note: CAL#82198: adjust the steps order in section "Configuring SES Support".
Configure DHCP	74/1543-AVA 901 33/3 Uen E	CPI note: CAL#81909: update the description in section 2.5.2 Alternate and Exceptional Scenarios.



Table 9 Operation and Maintenance/Configuration Management

Title	Identity	Change
Configure User Account	9/1543-AVA 901 33/3 Uen C	CPI note CAL#85741: Add a new section 3 Creating A Global User.
IPWorks Geographic Redundancy	3/1543-AVA 901 33/3 Uen D	DHCP GEO-REDUN: update the description and commands in section "Configure the Site ID" and step 6 in "Remove Geographic Redundancy with Single Provisioning".
IPWorks DNS, ASDNS, ENUM Parameter Description	3/190 84-AVA 901 33/3 Uen E	Centralize SS for DNS: Add "Location" attribute information in section 3.1, 4.1.1, and 4.2.4.
Command Line Interface User Guide for IPWorks SS	2/1553-AVA 901 33/3 Uen D	MRD52060: added a new section "NSDS Commands and Result Logs".
IPWorks DNS Management User Guide	28/1553-AVA 901 33/3 Uen D	DNS GUI Improvement: Update GUI change related content in section 4 and 5.

Table 10 Operation and Maintenance/Configuration Management/Scaling Management

Title	Identity	Change
IPWorks Scaling Guide for CEE	29/1553-AVA 901 33/3 Uen G	"CPI note: CAL#83942, CAL#83195, CAL#83194 related.update the yaml file name in section ""Operating Scale-Out"". CPI note: CAL#79229: update the command and add an example in step 2 section ""Scaling Health Check"". Workflow scale-out/in: Add a new section 2.4 Operation of Scale Out/In through VNF-LCM." CPI note: CAL#83242: add space before "--rollback".
IPWorks Scaling Guide for KVM	30/1553-AVA 901 33/3 Uen K	CPI note: CAL#79229: update the command and add an example in step 2 section "Scaling Health Check". support IPWorks 2.2 upgrade and migration: add a new step 4 in section 1.2.3.1 Check the File pxeboot.qcow2, and delete the redundancy content in step 1 of section 1.2.3.2 Check Auto-Deploy Tool. Add reference links for G10.

Table 11 Operation and Maintenance/Configuration Management/SS7 Management

Title	Identity	Change
Configure SS7 for ENUM Number Portability	1/1543-AVA 901 33/3 Uen E	"CPI Note: CAL#85982: fix typo issue in section ""Starting from Template Configuration File"", Manger->Manager. Fix TR#HX11628: Add parameter ""port"" in table 9, and add the superscript for the value of ""Port Number"" in table 8 and ""Port"" in table 9."

Table 12 Operation and Maintenance/Performance Management

Title	Identity	Change
IPWorks Measurement List for DL380 Platform	6/006 51-AVA 901 33/3 Uen B	G10: update related description.
IPWorks Application Counters in CUDB	27/1553-AVA 901 33/3 Uen B	Comments Update: restructured the document to separate the uninstallation to section 6.



Table 13 Operation and Maintenance/Security Management

Title	Identity	Change
IPWorks OS Hardening Guide	10/1553-AVA 901 33/3 Uen D	"Fix TR#HX14633: add a note in section ""Set Network Parameters"". Fix TR#HX12228: update the description in section ""Reloading the configuration"". Fix TR#HX17904: add a new command in section ""File permissions""."
IPWorks Host OS Hardening Guide for KVM	13/1553-AVA 901 33/3 Uen D	"Fix TR#HW99612: update the Password encryption method in section Required Strongest Possible Passwords. G10: add G10 information."

Table 14 Operation and Maintenance/SW Management

Title	Identity	Change
View Software Information	35/1543-AVA 901 33/3 Uen C	DHCP GEO REDUN: update the output in section "Checking Release Information via ECLI". ("managedElementType=[] <empty> <read-only>" to "managedElementType="IPWorks" <read-only>")
Upgrade Using One-Step Activation	52/1543-AVA 901 33/3 Uen D	support IPWorks 2.2 upgrade and migration: add a note in step 6 of section 2 Procedure.

Table 15 Operation and Maintenance/SW Management/Backup and Restore

Title	Identity	Change
Backup and Restore	7/1551-AVA 901 33/3 Uen C	
Create Backup	15/1543-AVA 901 33/3 Uen C	Fix TR#HW95191: added one item in section "1.1.1 Conditions".
Restore Backup	16/1543-AVA 901 33/3 Uen G	support IPWorks 2.2 upgrade and migration: separate step 4 into Radius and Diameter steps in section 2.1 Clean Up IMM Status.

Table 16 Operation and Maintenance/SW Management/License Management

Title	Identity	Change
Install License Key File	12/1543-AVA 901 33/3 Uen B	CPI note CAL#81713: Add commands to create "/cluster/licenses/" folder in section 2, step 1.

Table 17 Operation and Maintenance/Health Check

Title	Identity	Change
IPWorks Manual Health Check	4/1543-AVA 901 33/3 Uen G	"CPI note: CAL#83903, CAL#83834, CAL#83833, CAL#83832, CAL#83830: update the example output in section 2.22.2, step 4; and update the character from '>' to '#' in section 2.5, 2.7, 2.8, and 2.13. Fix TR#HW94345: Correct backup file list in section 2.21.4, and 2.21.5."

Table 18 Operation and Maintenance/Managed Object Management/Managed Object Model (MOM)

Title	Identity	Change
Managed Object Model (MOM)	190 89-LZN 768 0145/3 Uen G	



2.1.6 Emergency

Table 19 Emergency

Title	Identity	Change
Emergency Recovery Procedure for IPWorks	1/154 32-AVA 901 33/3 Uen F	"CPI Note: CAL#85993: fix command error in section ""SC Node Power Cycle Graceful"". G10: add G10 information. support IPWorks 2.2 upgrade and migration: Add emergency case in section 3.2.4, and 4.12."

2.1.7 Interface

Table 20 Interface

Title	Identity	Change
IPWorks AAA LDAP CUDB Interface	24/155 19-AVA 901 16 Uen E	Update the figure link of AAA FE (Radius) Directory Information Tree.

2.2 Removed Documents

Table 21 Documents Removed from Library

Title	Identity	Comment
IPWorks Data Migration Function Overview	62/155 17-AVA 901 16 Uen C	