

IPWorks Library Changes from 2.2 R3A to 2.3 R4A

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 2.2 EN/LZN 768 0144/3 R3A
To Ericsson IPWorks 2.3 EN/LZN 768 0144/3 R4A

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 H	
IPWorks Library Changes from 2.2 R3A to 2.3 R4A	3/109 45-EN/LZN 768 0144/3 Uen D1	



2.1.2 Product Overview

Table 2 Product Overview

Title	Identity	Change
IPWorks Technical Description	221 02-FGC 101 3568 Uen E	CPI Note CAL#89254: Delete one sentence in section "Traffic Redundancy". CPI Note CAL#89635: delete the "If" in section "Traffic Redundancy".

2.1.3 Planning

Table 3 Planning

Title	Identity	Change
IPWorks 2 Characteristics	155 02-FGC 101 3568 Uen H	Add a table "System Capacity for DHCP with Local Disk" in section "Failover Configuration".
IPWorks 2 Network Impact Report	2/109 48-FGC 101 3568 Uen K	Update for IPWorks 2.3. CPI note: CAL#90222: add "EO 18.0.0.1" in the table for ENM triggered (Full stack) in section Workflow; CAL#90221: add a note in section Network Performance; CAL#90218: add "IPWorks 2.3: support of local disk for KVM based deployment." for IPWorks 2.0 in the table in section Introduction.

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 G	WP: local disk: add section "Configure Local Disk for DHCP Service".



2.1.5 Operation and Maintenance

Table 5 Operation and Maintenance/VNF Life Cycle Management

Title	Identity	Change
IPWorks VNF Life Cycle Management (Workflow) - Small Stack	31/1553-AVA 901 33/3 Uen J	<p>"CAL#87167 ~ CAL#87170: Add ""IPWorks Troubleshooting Guideline"" reference in this doc; CAL#87164 and CAL#87162: Editorial changes for step 8 in section ""Scale VNF""; CAL#87161: Update the first note in section ""Scale VNF""; CAL#87160: update the section ""Introduction""; CPI Note: CAL#87163: update the note in section ""Scale VNF"". Workflow support of Or-Vnfm: update commands."</p> <p>Workflow support of Or-Vnfm: update the commands in step 3 section "Instantiate VNF". EO: update the steps and images in section "Scale VNF". Scale: add a note in section "Instruction", delete a note in section "Scale VNF". EO: add 2 steps in section "Instantiate VNF". And update the version of LCM.</p>
IPWorks VNF Life Cycle Management (Workflow) - Full Stack	32/1553-AVA 901 33/3 Uen B	<p>New document</p> <p>Workflow support of Or-Vnfm: update the files structure in section "Generate VNF Package". Workflow support of Or-Vnfm: update step7 in section "Register New VIM Zone in ECM"; add a step in section "Generate VNF Package". Workflow support of Or-Vnfm: update step 2 in section "Generate VNF Package". Workflow support of Or-Vnfm: add a new section "Deploy Network Stack". Workflow support of Or-Vnfm: fix wrong commands in section "Setup Environment in VNF-LCM" and "Generate VNF Package". Scale: add a new section "Scale VNF". EO: update the images for EO. EO: update the version of LCM. EO: update the section "Scale VNF" under "Triggered by EO", add 2 sections under "Triggered by LCM".</p>

Table 6 Operation and Maintenance/Fault Management/Troubleshooting Information

Title	Identity	Change
IPWorks Troubleshooting Guideline	1/154 51-AVA 901 33/3 Uen M	<p>CAL#86956: remove step 5 from section "Locating Fault". EO: Add a new section "All Executions Failed on Ericsson Orchestrator - Cloud Manager". Fix TR#HX22277: update the command (change "heat" to "openstack") in section "Failed to Delete HEAT Stack". EO: add some descriptions for section "All Executions Failed on Ericsson Orchestrator - Cloud Manager". TR#HX38166: modify the solution in section "Service OperState is Weekly Disabled".</p>

Table 7 Operation and Maintenance/Fault Management/Data Collection

Title	Identity	Change
Data Collection Guideline for IPWorks	2/1543-AVA 901 33/3 Uen D	CPI note: CAL#90192: change IPWorks 1 to IPWorks 2 in section Introduction.

Table 8 Operation and Maintenance/Configuration Management

Title	Identity	Change
Configure DNS and ENUM	7/1543-AVA 901 33/3 Uen G	MRD54523: add section "Configuration of RPZs Master-Slave" TR#HX32896: modify content of section "Configuring eVIP IP for the External Network".
Configuring Centralized SS for DNS User Guide	14/1553-AVA 901 33/3 Uen C	Centralize SS for DNS: Add license related content.
Configure Local Disk for DHCP Service	120/1543-AVA 901 33/3 Uen A	New document
IPWorks AAA Parameter Description	2/190 84-AVA 901 33/3 Uen B	TR:HX22044 add a note in section 5.3 "AAPolicy"



Table 8 Operation and Maintenance/Configuration Management

Title	Identity	Change
Command Line Interface User Guide for IPWorks SS	2/1553-AVA 901 33/3 Uen E	CPI Notes: CAL#86178: change the note in section 3.11 "NSDS Commands and Result Logs" TR#HX26825: change "/opt/ipworks/cli/confs/ipworks_cli_defaults.conf" to "/etc/ipworks/ipworks_cli.conf"
IPWorks DNS Management User Guide	28/1553-AVA 901 33/3 Uen E	CAL#87085: change doc title to "IPWorks DNS GUI Management User Guide"

Table 9 Operation and Maintenance/Configuration Management/Scaling Management

Title	Identity	Change
IPWorks Scaling Guide for CEE	29/1553-AVA 901 33/3 Uen J	CPI note CAL#87149: update typo in section 2.2.2 Deploying IPWorks Stack. TR: HX22006 : TR: HX22006 : add a note in section 2.3.1 Fix TR#HX22277: update the command, replace the "heat" with "openstack".
IPWorks Scaling Guide for KVM	30/1553-AVA 901 33/3 Uen L	TR: HX22006 : add a note in section 2.3.1

Table 10 Operation and Maintenance/Configuration Management/SS7 Management

Title	Identity	Change
Configure SS7 for ENUM Number Portability	1/1543-AVA 901 33/3 Uen F	CAL#86956: remove step 2, 3, and 4 from section "Configuring Signaling Manager"
Configure Radius AAA	49/1543-AVA 901 33/3 Uen F	TR#HX22044: add a note in section "Linking User and Policy" and "Linking User and Policy".
Configure SS7 for AAA	39/1543-AVA 901 33/3 Uen F	CAL#86956: remove step 2, 3, and 4 from section "Configuring Signaling Manager"

Table 11 Operation and Maintenance/Security Management

Title	Identity	Change
IPWorks OS Hardening Guide	10/1553-AVA 901 33/3 Uen E	CPI note CAL#88781: fixed a typo issue change "noarch.rpm" to "noarch.rpm".

Table 12 Operation and Maintenance/Security Management/Local Authentication Management

Title	Identity	Change
Create User Account	88/1543-AVA 901 33/3 Uen A	New document TR:HX30795: create a new doc "Create User Account" and assign a doc number 88/1543-AVA 901 33/3 to it. In the new doc, two notes are added in step 5 and 6 in section "Create User Account"

Table 13 Operation and Maintenance/SW Management/Backup and Restore

Title	Identity	Change
Backup and Restore	7/1551-AVA 901 33/3 Uen D	Add G10 48M ENUM backup and duration information to table "Typical Size and Duration".



Table 13 Operation and Maintenance/SW Management/Backup and Restore

Title	Identity	Change
Restore Backup	16/1543-AVA 901 33/3 Uen J	CPI Note: CAL#87394, CAL#87395: remove the ":" in commands in step8 section "Restore System Data Backup". TR:HX27938 remove original substep a and b from step 1 in section 2.3 Restore User Data Backup CAL#86956: remove step 5 from section "Restore System Data Backup"
Import Backup	31/1543-AVA 901 33/3 Uen C	CPI Note CAL#82658: update the command in step2 section "Procedure".
Export Backup	32/1543-AVA 901 33/3 Uen C	CPI Notes:CAL#81592: add a condition in section 1.1.1 "Conditions" CPI Note CAL#82658: update the command in step5 section "Procedure".

Table 14 Operation and Maintenance/SW Management/License Management

Title	Identity	Change
License Management	10/1551-AVA 901 33/3 Uen D	

Table 15 Operation and Maintenance/Log Management

Title	Identity	Change
IPWorks Security Log Management Guide	6/1553-AVA 901 33/3 Uen C	CPI note: CAL#90395: change "default_days = 365" to "default_days = 3650" in section Security Logging Using TLS.

Table 16 Operation and Maintenance/Health Check

Title	Identity	Change
IPWorks Manual Health Check	4/1543-AVA 901 33/3 Uen J	Fix TR#HX21625: Command change in section 2.16 Checking Number of MySQL Tables. MRD47396: Change "336" to "337" in section "Checking Number of MySQL Tables"

2.1.6 Emergency

Table 17 Emergency

Title	Identity	Change
Emergency Recovery Procedure for IPWorks	1/154 32-AVA 901 33/3 Uen G	Fix TR#HX31020: update the steps in section "Rebooting the System from GRUB Boot Loader".

2.1.7 Interface

Table 18 Interface

Title	Identity	Change
IPWorks ENUM LDAP CUDB Interface	30/155 19-AVA 901 16 Uen D	CPI Note CAL#88733: remove the unavailable reference CPI "ENUM Front End LDAP Data Schema".



2.2 Removed Documents

Table 19 Documents Removed from Library

Title	Identity	Comment
Create User Account	17/1543-CRA 119 1962 Uen C	