

Release Note

|  |  |
| --- | --- |
| **Author: «$release.Author»** |  |
| **Version:** «$release.Version» | **Date:** 19 March 2018 |

**«$releaseName» «$release.Version»**

Revision History

|  |  |  |
| --- | --- | --- |
| Revision Date | By | Summary of Changes |
|  |  | Initial version |

Table of Contents

[1 Introduction 5](#_Toc509221386)

[1.1 Identification and Scope 5](#_Toc509221387)

[1.2 Summary 5](#_Toc509221388)

[1.3 Released Items 5](#_Toc509221389)

[2 Current Status and State 6](#_Toc509221390)

[2.1 List of Known Precautions / Defects / Limitations 6](#_Toc509221391)

[2.2 List of Known Precautions / Defects / Limitations 6](#_Toc509221392)

[2.3 FATAL EPRs under investigation, but not accepted as SW failure yet 7](#_Toc509221393)

[2.4 There are specific precautions to consider using this package: 7](#_Toc509221394)

[2.5 Availability 8](#_Toc509221395)

[2.5.1 Features availability 8](#_Toc509221396)

[2.6 Risk Evaluation 8](#_Toc509221397)

[2.7 Test 8](#_Toc509221398)

[3 Compatibility/Dependencies 8](#_Toc509221399)

[3.1 HW and 3rd. part SW or Images 9](#_Toc509221400)

[3.2 MasterClaw SW 9](#_Toc509221401)

[4 Installation 9](#_Toc509221402)

[4.1 Package download and verification 9](#_Toc509221403)

[4.2 Installing package 9](#_Toc509221404)

[5 Configuration Requirements 10](#_Toc509221405)

[ Basic configuration 10](#_Toc509221406)

[1.1. Configuration for new features 10](#_Toc509221407)

[6 Appendix 10](#_Toc509221408)

[6.1 Abbreviations and Definitions 10](#_Toc509221409)

[6.2 Reference and Applicable Documents 10](#_Toc509221410)

[6.3 Source Baseline 11](#_Toc509221411)

[6.4 Change History 11](#_Toc509221412)

[6.5 Trouble Shooting 11](#_Toc509221413)

[6.5.1 Tools 11](#_Toc509221414)

[6.5.2 Log files 11](#_Toc509221415)

[6.6 EPR Generation 12](#_Toc509221416)

# Introduction

This is the release of the MC probes applications QBASE package for various SIM use cases.

The package contains merged collection of SIM probe application RPM packages previously distributed as independent QBASE packages:«#foreach($d in $dependencies)»«#if ($d.integratesPackages.size() > 0 an»

| **Component** | **Version** |
| --- | --- |
| «@before-row#foreach($p in $d.integratesP»«$p.name»«@after-row#end» | «$p.RequiredVersion» |
| * «@before-row#foreach($p in $d.integratesP»«$p.name»«@after-row#end» | «$p.Description» |

«#elseif ($d.integratesPackages.size() > »

«#end»«#end»

## Identification and Scope

This document describes the release of -«$release.Version» package for «$baseline-summary»

## Summary

A complete list of all changes can be found in chapter 6.4 Change History.

## Released Items

| **Item** | **Description** | **Location** |
| --- | --- | --- |
| «@before-row#foreach($i in $release.items»«$i.name»«@after-row#end» | «$i.description» | [$i.location/$i.name](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$i.location\$i.name) |

«#foreach($c in $activities)»«#if($c.ReleaseVersion.trim() == "NOT\_FIX»

# Current Status and State

## List of Known Precautions / Defects / Limitations

|  |  |  |
| --- | --- | --- |
| **#EPR** | **Title** | Description |
|  |  |  |
| **#ENH** | **Title** | Description |
|  |  |  |

## List of Known Precautions / Defects / Limitations

| **Type** | **Title** | **Description** |
| --- | --- | --- |
| «@before-row#foreach($c in $activities)»«@before-row#if($c.ReleaseVersion.trim() »«@before-row#foreach($a in $c.Activities)»«$a.Type»«@after-row#end»«@after-row#end»«@after-row#end» | «#if($a.uri.trim() == "") $a.name #else»[$a.name](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$a.uri)«#end» |  |

«#end»«#end»«#foreach($c in $activities)»«#if($c.ReleaseVersion.trim() == "NOT\_FIX»

## FATAL EPRs under investigation, but not accepted as SW failure yet

| **Type** | **Name** | **Description** |
| --- | --- | --- |
| «@before-row#foreach($c in $activities)»«@before-row#if($c.ReleaseVersion.trim() »«@before-row#foreach($a in $c.Activities)»«$a.Type»«@after-row#end»«@after-row#end»«@after-row#end» | «#if($a.uri.trim() == "") $a.name #else»[$a.name](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$a.uri)«#end» |  |

«#end»«#end»«#if ($release.precautions.size() > 0)»

## There are specific precautions to consider using this package:

«#foreach($precaution in $release.precaut»

* **«$precaution»**«#end»«#end»

## Availability

«$partRelease.FirstGlobal.level» for MasterClaw «$partRelease.FirstGlobal.mcVersion»

Note: The availability can be changed after this RN has been filed. The updated availability can be found at: <http://sharepoint.eu.anritsu.com/sites/M4/Engineering/Release%20Status%20Sheet/Forms/AllItems.aspx>

«#if ($featureAvailabilities.size() > 0)»

### Features availability

| **Component** | **MC Version** | **Availability** | **Reason** | **Risk** | **Description** |
| --- | --- | --- | --- | --- | --- |
| «@before-row#foreach($a in $featureAvaila»«$a.feature»«@after-row#end» | «$a.mcVersion» | **«$a.level»** | *«$a.reason»* | «$a.risk» | «$a.description» |

«#end»

## Risk Evaluation

Risk assessment: **«$partRelease.FirstGlobal.risk».**

Note: The Risk Evaluation can be changed after this RN has been filed. The updated Risk Evaluation can be found at: <http://sharepoint.eu.anritsu.com/sites/M4/Engineering/Release%20Status%20Sheet/Forms/AllItems.aspx>

## Test

The **Test Level** is **«$partRelease.testLevel»** and the **STR** is available at «#foreach($i in $partRelease.references)» «#if ($i.type =="STR")»[$i.uri/$i.docName](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$i.uri\$i.docName)«#end»«#*end»*

# Compatibility/Dependencies

«#foreach($d in $dependencies)»«#if ($d.thirdPartDependencies.size() > 0»

## HW and 3rd. part SW or Images

| **Component** | **Version Range** | **Tested Version** | **Description** |
| --- | --- | --- | --- |
| «@before-row#foreach($p in $d.thirdPartDe»«$p.Component»«@after-row#end» | «$p.RequiredVersion» | «$p.TestedVersion» | «$p.Description» |

«#elseif ($d.thirdPartDependencies.size()»«#end»«#end»«#foreach($d in $dependencies)»«#if ($d.LocalDependencies.size() > 0 && »

## MasterClaw SW

| **Component** | **Version Range** | **Tested Version** | **Req. local availability** | **Description** |
| --- | --- | --- | --- | --- |
| «@before-row#foreach($p in $d.localDepend»«$p.Component»«@after-row#end» | «$p.RequiredVersion» | «$p.TestedVersion» | «$p.required» | «$p.Description» |

«#elseif ($d.LocalDependencies.size() > 0»

«#end»«#end»

# Installation

## Package download and verification

From «#foreach($i in $partRelease.references)» «#if ($i.type =="QBASE")»[$i.uri/$i.docName](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$i.uri\$i.docName)«#end»«#*end»* download binary package probe-sims-«$release.Version».tgz and text file probe-sims-«$release.Version».tgz.md5sum containing binary package’s md5 checksum.

Verify integrity of binary package file with “md5sum –c probe-sims-«$release.Version».tgz.md5sum”. If the file is not corrupted, you can proceed to the next paragraph.

## Installing package

To install this QBASE format package perform the following steps:

1. Login as “mclaw” user to central server
2. Check with “q7adm list” that all dependencies are installed
3. Copy the package file to a local directory
4. Load & install the package into MC environment using “q7adm load -i <DIR>/probe-sims-«$release.Version».tgz”

Then the SIM packages li-ether-sim, li-hdlu-sim, li-usim and li-usim-ip provided inside the probe-sims-«$release.Version» package should appear in configtool available for assignment to a probes.

# Configuration Requirements

**Basic configuration**

See [[MANUAL]](#MANUAL) for particular SIM probe type configuration guidelines.

* 1. **Configuration for new features**

See manual for features «#foreach($i in $partRelease.references)» «#if ($i.type =="MANUAL")»[$i.uri](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$i.uri)«#end»«#*end»*

«#if ($featureAvailabilities.size() > 0)»

| **Component** | **Description** |
| --- | --- |
| «@before-row#foreach($a in $featureAvaila»«$a.feature»«@after-row#end» | *«$a.description»* |

«#end»

# Appendix

## Abbreviations and Definitions

| **Abbreviation/Definition** | **Explanation** |
| --- | --- |
| Qbase | Tool used for managing q7 packages. |
| SIM | Signalling Input Mediator probe application SW |
| SIM\_IF | TCP socket based interface between SIM and QMPA |
| MPA | Multichannel Protocol Analyser (probe including hardware) |
| QMPA | Quest Multichannel Protocol Analyser (probe SW application) |
| QMPA\_MEAS\_IF | QMPA Measurement Interface |
| CSDR | Call Sequence Data Record |
| Deploy server, probe\_conf | Remote Probes Management SW |

## Reference and Applicable Documents

|  |  |
| --- | --- |
| **Doc Abbreviation** | **Doc name, Description, ID/link** |
| [BASELINE] | [Common Technical Baseline for MasterClaw Release 7](http://sharepoint.eu.anritsu.com/sites/M4/Engineering/Product%20Documents/Forms/Module/docsethomepage.aspx?ID=44&FolderCTID=0x0120D52000092AC36A861C5549B34CE0FBE2A611080023CC43672BCD804A8B4363A235436B30&List=a9b8b7f4-26d3-4e42-a75f-a4a5add9de32&RootFolder=%2Fsites%2FM4%2FEngineering%2FProduct%20Documents%2FTechnical%20Baselines&RecSrc=%2Fsites%2FM4%2FEngineering%2FProduct%20Documents%2FTechnical%20Baselines) |
| [MEASIF] | QMPA Measurement Interface, QMPA\_MEAS\_IF  <http://sharepoint.eu.anritsu.com/sites/M4/Engineering/Product%20Documents/Probes/qmpameas_v11.doc> |
| [MANUAL] | «#foreach($i in $partRelease.references)» «#if ($i.type =="MANUAL")»[$i.uri](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$i.uri)«#end»«#*end»* |

## Source Baseline

The tag used in GIT for this release is probe-sims-«$release.Version.replace(".", "\_")»«#foreach($d in $dependencies)»«#if ($d.integrates-packages.size() > 0 &»«#foreach($p in $d.integrates-packages)»«#if($p.integrates-packages-name.trim() =», «$p.integrates-packages-description»«$p.integrates-packages-required-version.»«#elseif($p.integrates-packages-name.trim», «$p.integrates-packages-description»«$p.integrates-packages-required-version.»«#elseif($p.integrates-packages-name.trim», «$p.integrates-packages-description»«$p.integrates-packages-required-version.»«#elseif($p.integrates-packages-name.trim», «$p.integrates-packages-description»«$p.integrates-packages-required-version.»«#end»«#end»«#end»«#end».

## Change History

|  |  |  |
| --- | --- | --- |
| **Type** | **Name** | **Description** |
| «@before-row#foreach($c in $activities)»«@before-row#if($c.ReleaseVersion.trim() »*«$release.name» «$c.ReleaseVersion»* | | |
| «@before-row#foreach($a in $c.Activities)»«$a.Type»«@after-row#end» | «#if($a.uri.trim() == "") $a.name #else»[$a.name](file:///C:\Users\cz040124\Documents\Anritsu\XMLgenerator\bin\$a.uri)«#end» |  |

For older history see release notes for probe-sims-4.5.8 [[RLN](http://utmnnfs/quest7-packages/probe-sims/probe-sims-4.5.8-rn-v1.doc)]

## 

## Trouble Shooting

### Tools

### Log files

You can check the probe applications log files at the following paths:  
/nettest/appl/<component>/log/<component>.log

or

/var/anritsu<inst>/<component>/log/<component>.log

where <inst> is the number of application instance in case it’s higher than one and <component> will be substituted by a component’s name (li-ether-sim, li-hdlu-sim, li-usim, li-usim-ip).

## EPR Generation

In case of problems with installing this package to MC environment or with availability of the contained components in MC central server environment, please attach at least the output of the package installation command together with the outputs of following commands (run as mclaw user):

q7adm list

cdbc -c 'select X.name, X.version, X.location from X=MPASWPackage'

In case of problems with some of the contained components installed on a probe, please attach the probe-info files (start as root user the qmpa5/bin/LinuxProbeInfo.sh script to create such probe-info file) containing comprehensive set of LOG and NIN files and status commands output.