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TESTING

EXCENTIS

MTA Requirements For Euro-PacketCable Certification

--- Project Reference ---

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1 Introduction

This document specifies and clarifies the requirements for an Embedded MTA that is submitted for Euro-PacketCable 1.0 or Euro-PacketCable 1.5 certification.

This document is dynamic in nature and vendors should be checking for updates regularly.

Specific document version numbers are however not mentioned. The version numbers applicable for a specific Euro-PacketCable Certification Wave are published in the guidelines for that wave.

Chapter 2 explains the normative documents for Euro-PacketCable 1.0 certification, while chapter 3 describes them for Euro-PacketCable 1.5 certification.

2 Normative documents for Euro-PacketCable 1.0

2.1 PKT-SP-EC-MGCP

This document defines the call signalling protocol. Some parts of appendix A of this document are redefined in [Euro-PacketCable L-Package Clarification]. If something is mentioned in both documents, it is the latter document that takes preference.

2.2 PKT-SP-DQOS

This document defines the dynamic quality of service protocol.

2.3 PKT-SP-SEC

This document defines the security protocols. Specific requirements for Euro-PacketCable certificates are defined in [Euro-PacketCable Certificate Requirements].

2.4 PKT-SP-PROV

This document defines the provisioning interface.

2.5 PKT-SP-CODEC

This document defines the requirements for CODEC handling and support.

The following features are optional (but will be tested for if supported):

codecs other than PCMA and PCMU, silence suppression, basic and hybrid provisioning flow.

2.6 Euro-PacketCable Certificate Requirements

This document defines the requirements for Euro-PacketCable certificates.

2.7 Euro-PacketCable L-Package Clarification

This document defines the requirements for the L-package for Euro-PacketCable MTAs. The L-package **MUST** be supported by a compliant MTA.



2.8 PKTC-EXCENTIS-SIG-MIB-draftXX

This document defines the requirements for the signaling MIB objects. Please consult the Excentis website for the latest versions.

2.9 PKTC-EXCENTIS-MTA-MIB-draftXX

This document defines the requirements for the MTA MIB objects. Please consult the Excentis website for the latest versions.

2.10 ETSI TS 101 909-18

This document defines the requirements for the POTS-interface of the MTA.

[Note: if needed an additional document will define the differences from the ETSI spec, if clarifications are needed]

3 Normative documents for Euro-PacketCable 1.5

3.1 PKT-SP-NCS1.5

This document defines the call signalling protocol. Some parts of appendix A of this document are redefined in [Euro-PacketCable L-Package Clarification]. If something is mentioned in both documents, it is the latter document that takes preference.

3.2 PKT-SP-DQOS1.5

This document defines the dynamic quality of service protocol.

3.3 PKT-SP-SEC1.5

This document defines the security protocols. Specific requirements for Euro-PacketCable certificates are defined in [Euro-PacketCable Certificate Requirements].

3.4 PKT-SP-PROV1.5

This document defines the provisioning interface.

3.5 PKT-SP-CODEC1.5

This document defines the requirements for CODEC handling and support.

Support for T.38 fax relay, DTMF relay and VoIP metrics is mandatory.

The following features are optional (but will be tested for if supported):

codecs other than PCMA and PCMU, silence suppression, basic and hybrid provisioning flow, multiple grants per interval.



3.6 Euro-PacketCable Certificate Requirements

This document defines the requirements for Euro-PacketCable certificates.

3.7 Euro-PacketCable L-Package Clarification

This document defines the requirements for the L-package for Euro-PacketCable MTAs. The L-package **MUST** be supported by a compliant MTA.

3.8 PKTC-EXCENTIS-SIG-MIB-draftXX

This document defines the requirements for the signaling MIB objects. Please consult the Excentis website for the latest versions.

3.9 ECL-SP-MIB-EXSIG

This document defines extensions on the signalling MIBs. Please consult the Excentis website for the latest versions.

3.10 PKTC-EXCENTIS-MTA-MIB-draftXX

This document defines the requirements for the MTA MIB objects. Please consult the Excentis website for the latest versions.

3.11 ECL-SP-MIB-EXMTA

This document defines extensions on the MTA Device MIBs. Please consult the Excentis website for the latest versions.

3.12 ETSI TS 101 909-18

This document defines the requirements for the POTS-interface of the MTA.

[Note: if needed an additional document will define the differences from the ETSI spec, if clarifications are needed]

