Guideline for Service Providers
TIA Annex 4 Update 2021

Version: September 28th, 2021

Table of Contents

OpenPeppol AISBL   info@peppol.eu   Page 2 of 5

Rond-point Schuman 6, box 5, 1040 Brussels, Belgium   www.peppol.eu

Corporate identification number 0848.934.496 (Register of Legal Entities Brussels).

1 Introduction

Peppol eDEC created new versions of technical specifications, that are listed in the current TIA Annex 4. The new versions of the technical specifications as well the new version of the TIA Annex 4 was approved by the Peppol MC as well as by the Peppol Authorities. The new Annex 4 will be effective from 10 December 2021. The previous TIA Annex effective change date was in September 2019.

This document elaborates on the changes of the different specifications to give Peppol Service Providers the necessary background information.

2 Overview

This chapter gives a rough overview what has been changed:
- BusDoX Common Definitions → is no longer used
- SMP update from v1.1.0 to v1.2.0
- SML update from v1.0.1 to v1.2.0
- Peppol Policy for use of Identifiers update from v4.0.0 to v4.1.0
- Peppol Secure Transport Policy update from v1.0 to v1.1.0
- Peppol AS4 Profile update from v2.0.0 to v2.0.2
- Peppol SBDH Envelope Specification update from v1.2 to v1.2.1
- Peppol Directory update from v1.1 to v1.1.1

The changes in the "Service Metadata Publisher (SMP)" specification as well as in the "Peppol Policy for use of Identifiers" are deemed to require a migration period, hence separate migration support guidelines were created and published.

All the changes in the other Peppol specifications are described in this document.

2.1 BusDoX Common Definitions

This specification is no longer needed. All the content related to different kinds of identifiers is already part of the "Peppol Policy for use of Identifiers". The specific parts for SMP and SML were copied in the respective new versions of those specifications.

2.2 Service Metadata Publisher (SMP)

See the separate migration document.

2.3 Service Metadata Locator (SML)

The specification was updated to the new branding. Additionally, the layout of the document was changed to increase readability.

OpenPeppol AISBL   info@peppol.eu   Page 3 of 5
Rond-point Schuman 6, box 5, 1040 Brussels, Belgium   www.peppol.eu
Corporate identification number 0848.934.496 (Register of Legal Entities Brussels).

The XML Schemas in Appendix B of the document were declared "non-normative". Instead, the SML specification ships with a set of external, normative XML Schema files. This is the first time, OpenPeppol publishes official XML Schemas to be used.

The rules for the migration key in chapter 2.2 (line 150ff) were updated to reflect the current implementation of the BDMSL (CEF SML). This change was not considered migration relevant, as everybody that wanted to migrate, already needed to follow the new rules. This change just closes a gap between specification and reality.

Changed the service name from "ManageParticipant*" to "ManageBusiness*" to reflect the current situation. This change was not considered migration relevant, as every implementation already needed to follow the new name. This change just closes a gap between specification and reality.

2.4 Peppol Policy for use of Identifiers

See the separate migration document.

2.5 Peppol Secure Transport Policy

The specification was updated to the new branding.

Chapter 2.2 was extended, so that POLICY 3 is also applicable to Peppol Directory instances and to SMP instances, in case they are operated under https (which is NOT the case yet).

Version 1.0, chapter 2.2, line 63f:

> This also applies to all SML instances. SMP instances are currently not affected because they are not using TLS certificates.

Version 1.1.0, chapter 2.2, line 61f:

> This also applies to all SML and Peppol Directory instances. This also applies to SMP instances when operated via https.

2.6 Peppol AS4 Profile

The previous TIA Annex 4 with effective date September 2019 mentions version 2.0.0 as the base version.
The Peppol website[1] mentions version 2.0.1 as the effective version, containing an explanation why.
This document only elaborates on the changes from v2.0.1 to v2.0.2.

---

[1] https://peppol.eu/downloads/the-peppol-edelivery-network-specifications/

OpenPeppol AISBL   info@peppol.eu   Page 4 of 5
Rond-point Schuman 6, box 5, 1040 Brussels, Belgium   www.peppol.eu
Corporate identification number 0848.934.496 (Register of Legal Entities Brussels).

The usage of the term "PEPPOL" was changed to "Peppol" where applicable.

Chapter 4.7 "Use of Peppol PKI" was updated to include the mandatory use of the "Binary Security Token" for certificate exchange. This is meant as a clarification only.

Chapter 5 "P-Mode Parameters" contains a change for the parameter "PMode[].BusinessInfo.Service.type". Instead of the constant value "cenbii-procid-ubl" a link to chapter 4.6 "Service, Action and Role" was added. This chapter mentions to use "The Peppol Process Identifier Scheme of the business document.".

Chapter 6.2 "Peppol Dynamic Discovery using SMP": the links to the CEF eDelivery AS4 chapters were corrected (4.4 → 4.3 and 4.5 → 4.4).

2.7 Peppol SBDH Envelope Specification

The document was updated to the new branding.

The reference [PEPPOL_Policy3] to the old "Peppol Policy for use of Identifiers v3.x" was removed, as it is no longer of relevance.

Created new chapter 2.6 "Internet Media Type" that indicates that the "Content-Type" header for SBDH-Documents MUST be either "application/xml" or "text/xml". Previous versions of this specification didn't mention the "Content-Type" at all, hence it is assumed no verifications on this value are implemented.

2.8 Peppol Directory

The document was updated to the new branding.

The usage of the term "PEPPOL" was changed to "Peppol" where applicable.

A new chapter 1 "Introduction" was added, including normative references. Additionally, the usage of the RFC 2119 terminology was introduced in the document.

OpenPeppol AISBL   info@peppol.eu   Page 5 of 5
Rond-point Schuman 6, box 5, 1040 Brussels, Belgium   www.peppol.eu
Corporate identification number 0848.934.496 (Register of Legal Entities Brussels).