Policy for use of Identifiers

Status: In use - Version: 4.3.0
Last updated: 2024-10-03
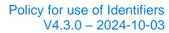
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Revision History

Version	Date	Description of changes
3.0	2014-02-03	Updated 1.3, References Updated POLICY 11, Peppol Customization identifiers Updated POLICY 12, Specifying Customization identifiers in UBL documents Updated POLICY 16, Peppol process identifiers Updated 4.2, Document Type Identifier Values Updated 5.2, Process ID values Updated 3.2, Identifier values including ZZZ
3.1	2018-04-27	Extracted the code lists out of this document. References to the code lists were updated. Line numbers start with chapter 1. No content changes.
4.0	2019-01-28	Updated legacy references and wordings Separated Participant and Party identification Introduced the term "Participant Identifier Meta Scheme" Added relation to Peppol BIS versions 1 and 2 Added a table with all used XML Namespace URIs
4.0.1	2019-09-12	Extended the allowed characters for Participant Identifier values in POLICY 1
4.1.0	2020-03-11	Extended the allowed characters for Participant Identifier values in POLICY 1 Adopted to new branding Updated the reference to the Code lists
4.2.0	2023-06-19	Added the new Document Type Identifier Scheme "peppol-doctype-wildcard" Updated the links in the References section The Reference entry "Peppol_Trans" was removed because it was unused Improved and updated example values Updated texts of POLICY 16, POLICY 17, POLICY 21 and POLICY 22 Added POLICY 4a, POLICY 23a, POLICY 25a and POLICY 28a Removed redundant statements to code lists in chapter 3
4.3.0	2024-10-03	Changed the semantics of "peppol-doctype-wildcard" to support exact match as well Added POLICY 23b Clarified the character set for Participant IDs in POLICY 1 The Reference entry "Peppol_PostAward" was updated.

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Version	Date	Description of changes
		The document was transformed to the new design.

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1 English: Agency for Public Management and eGovernment
2 English: Danish Business Authority
3 English: Austrian Federal Computing Centre
4 English: Agency for Digital Government

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1 Introduction

1.1 Audience

This document describes a Peppol policy and guidelines for use of identifiers within the Peppol network. The intended audience for this document are organizations wishing to be Peppol enabled for exchanging electronic invoices, and/or their ICT-suppliers. More specifically it is addressed towards the following roles:

- ICT Architects

- ICT Developers

- Business Experts

1.2 References

[Peppol]	https://peppol.org/	
[Peppol_PostAward]	https://peppol.org/documentation/technical-documentation/post-award-documentation/	
[Peppol_CodeList]	https://docs.peppol.eu/edelivery/codelists/	
[CEN_BII]	https://cenbii.eu/deliverables/cen-bii/	
[CEN_BII2]	https://cenbii.eu/deliverables/cen-bii-2/	
[ISO 15459]	https://www.iso.org/standard/54782.html https://www.iso.org/standard/54781.html	
[ISO 9735 Service Code List (0007)]	https://unece.org/sites/default/files/datastore/fileadmin/DAM/trade/untdid/download/r1241.doc	
[ISO 6523]	https://www.iso.org/standard/25773.html	
[OASIS UBL]	https://docs.oasis-open.org/ubl/os-UBL-2.1/UBL-2.1.html https://docs.oasis-open.org/ubl/os-UBL-2.1/UBL-2.1.zip	
[OASIS UBL22]	https://docs.oasis-open.org/ubl/os-UBL-2.2/UBL-2.2.html https://docs.oasis-open.org/ubl/os-UBL-2.2/UBL-2.2.zip	
[OASIS ebCore]	https://docs.oasis-open.org/ebcore/PartyIdType/v1.0/CD03/PartyIdType-1.0.html	
[RFC3986]	https://www.ietf.org/rfc/rfc3986.html	
[UN/CEFACT]	https://unece.org/trade/uncefact	

31   1.3 XML Namespaces URIs used

Prefix	Namespace URI
cac	urn:oasis:names:specification:ubl:schema:xsd:CommonAggregateComponents-2
cbc	urn:oasis:names:specification:ubl:schema:xsd:CommonBasicComponents-2
ram	urn:un:unece:uncefact:data:standard:ReusableAggregateBusinessInformationEntity:100
rsm	urn:un:unece:uncefact:data:standard:CrossIndustryInvoice:100

32 2 Introduction to identifiers

33 Identifiers are information elements that establish the identity of objects, such as
34 organizations, products, places, etc. The Peppol project uses many identifiers in both its
35 transport infrastructure and within the documents exchanged across that infrastructure.
36 Two of the significant identifiers are those for Parties/Participants (organizations,
37 persons, etc.) and Services (business profiles, document types, etc). These are the
38 "who" and the "what" of Peppol business exchanges.

39 This document outlines the policy for using the correct identifiers specifically for these
40 two areas but it also introduces principles for any identifiers used in the Peppol
41 environment. Implementers failing to adhere to these policies seriously jeopardize the
42 interoperability of the information being exchanged. This policy should form a
43 requirement of any Peppol participation agreements.

44   2.1 Scope

45   2.1.1 The policy of a federated scheme for identifying Parties[5]

46 Parties in the Peppol Network play the role of Participants. There are sender and
47 receiver Participants in any exchange, but the Service Metadata Publisher (SMP) only
48 publishes services defined for the receiver Participant. The technical name for this
49 identifier in the Peppol Network is the Participant Identifier.

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[5] By federation we mean that each agency maintains their own identification schemes. Our policy
recognizes and identifies these schemes and does not attempt to replicate them.

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50 Within each business document there are also Parties taking on business roles such as
51 customer and supplier, etc. Clearly there may be relationships between these Parties
52 and the Participant Identifier. Sometimes the Supplier Party is the receiver Participant for
53 an Order document. Another example is that an Invoice may contain an identifier for
54 EndpointID that equates to the receiver Participant in the SMP. But neither of these are
55 reliable rules. Business standards (such as EN 16931) and agreements (such as BII
56 profiles) do not (deliberately) include any 'envelope' information linking the document
57 content to the transport infrastructure. The relationship between identifiers within
58 Documents and identifiers used in the transport infrastructure is not defined in the
59 specifications.

60 So, whilst there is a relationship between these various Parties, we have no policy on
61 how this should be done. This policy relates to the common use of different identification
62 schemes to identify the appropriate Party within the context required. In other words,
63 identifiers may have different values but the method by which they are defined should be
64 consistent.

65 Many schemes already exist for identifying Parties. Peppol has no intention of
66 developing yet another. Our strategy is to recognize a range of different identification
67 schemes and provide a code list of those recognized schemes based on international
68 standards.

2.1.2 The policy for identifying Documents and Services used in Peppol implementation of the Peppol Network

71 The Peppol Network requires a Participant sending a document to identify both the
72 receiving Participant and the service that will receive the document. The sender (or their
73 Access Point provider) achieves this by searching the Service Metadata Locator (SML)
74 filled Domain Name System (DNS) to find the relevant Service Metadata Publisher
75 (SMP) that can identify the endpoint URL[6] within the recipient's Access Point (AP). This
76 endpoint URL is the service address where the document is received. Therefore, it is
77 important to define precisely what documents and services can be handled by the
78 receiving Participant.

79 The diagram below shows the relationship of these information elements.

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[6] Note: the endpoint URL is not the same as the Endpoint ID in the business document.

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80

81   Peppol has set up Business Interoperability Specifications (BIS) explaining how business
82   documents need to be filled from a semantical and technical point of view.

2.1.3 Semantic scope

84   This document covers the following areas:

85   • Participant identification

86   o Identification of a technical entity in the Peppol Network

87   o Can be used in transport documents and (where needed) in business
88   documents

89   • Party identification

90   o Identification of a business entity

91   o Usually only used in business documents

92   • Document type identification

93   • Process identification

94   • Transport profile identification

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95   2.1.4   Relation to Peppol BIS versions 1 and 2

96   This version of the document cannot be applied on Peppol BIS versions 1 and 2. Peppol
97   BIS versions 1 and 2 MUST follow the most up-to-date "Peppol Policy for use of
98   identifiers" version 3.x.

99   2.2   Participant vs. Party Identification

100   The following aspects are addressed in this document:

     101   1.   The Peppol code list of Party Identification schemes used in business
     102   documents.

     103   2.   The Peppol code list of Participant Identification schemes used in metadata as
     104   well as in business documents.

105   Peppol does not implement its own scheme for identifying Parties. Instead, it supports a
106   federated system for uniquely identifying parties following the ISO 15459 format scheme[7]
107   for unique identifiers. This requires defining a controlled set of "Issuing Agency Codes"[8]
108   for identification schemes (also known as "party identifier types"[9] or "Identification code
109   qualifier"[10] or "International Code Designators"[11] or "Party ID Type"[12]) required by Peppol
110   implementations.

111   Each Peppol Party identifier to be used in the federated system is a combination of the
112   Issuing Agency Code and the value given by the Issuing Agency.

     113   •   For Peppol, it will be part of the Peppol Service Provider agreement that service
     114   providers for Peppol Addressing and Capability look-up have suitable governance
     115   of their identification schemes when they enter, update and delete information on
     116   their SMP.

     117   •   Within the content of business documents, each Peppol Participant will be
     118   responsible for using the appropriate Peppol Party Identifier.

119   This section defines the policies for the formatting and the population of values for Party
120   Identifiers used by Peppol.

121   Note for UBL documents: It should be pointed out here that this policy covers only use
122   `Party/PartyIdentification/ID` and `Party/EndpointID`. Other party or
123   participant identifiers within UBL documents are out of scope for this policy.

---

[7] ISO 15459-4 Individual items, see [ISO 15459]

[8] ISO 15459 terminology, see [ISO 15459]

[9] CEN/BII terminology

[10] ISO 9735 Service Code List (0007) terminology

[11] ISO 6523 terminology

[12] OASIS ebCore terminology

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124	Note for CII documents: It should be pointed out here that this policy covers only use
125	`SellerTradeParty/ID`, `BuyerTradeParty/ID`,
126	`BuyerTradeParty/URIUniversalCommunication/URIID` and
127	`SellerTradeParty/URIUniversalCommunication/URIID`. Other party or
128	participant identifiers within CII documents are out of scope for this policy.

129 2.3 Common Policies

130 POLICY 1 Usage of ISO15459

131 <u>Participant Identifiers</u> should adhere to the following constraints:
132 ▪ MUST be at least 1 character long (excluding the identifier scheme)
133 ▪ MUST NOT be more than 50 characters long (excluding the identifier scheme)
134 ▪ MUST only contain letters (a-z, A-Z), numeric digits (0-9), the minus sign (-), the period
135 character (.), the underscore character (_) or the tilde character (~) from the invariant
136 character set of ISO-8859-1[13]
137

138 <u>Party Identifiers</u> should adhere to the following constraints:
139 ▪ MUST be at least 1 character long (excluding the identifier scheme)
140 ▪ MUST NOT be more than 50 characters long (excluding the identifier scheme)
141 ▪ MUST only contain characters from the invariant character set of ISO-8859-1
142

143 <u>Document Type Identifiers</u> should adhere to the following constraints:
144 ▪ MUST be at least 1 character long (excluding the identifier scheme)
145 ▪ MUST NOT be more than 500 characters long (excluding the identifier scheme)
146 ▪ MUST only contain characters from the invariant character set of ISO-8859-1
147

148 <u>Process Identifiers</u> should adhere to the following constraints:
149 ▪ MUST be at least 1 character long (excluding the identifier scheme)
150 ▪ MUST NOT be more than 200 characters long (excluding the identifier scheme)
151 ▪ MUST only contain characters from the invariant character set of ISO-8859-1
152

153 <u>Transport Profile Identifiers</u> should adhere to the following constraints:
154 ▪ MUST be at least 1 character long (excluding the identifier scheme)
155 ▪ MUST NOT be more than 50 characters long (excluding the identifier scheme)
156 ▪ MUST only contain letters, numeric digits, the minus sign ('-') or the underscore sign ('_')
157 from the invariant character set of ISO-8859-1

158 Applies to: All above mentioned types of identifiers in all Peppol components

159 POLICY 2 Identifier Value casing

160 All <u>Participant Identifier</u> values have to be treated <u>case insensitive</u> even if the underlying
161 scheme requires a case sensitive value.

---

[13] Based on the unreserved characters of [RFC3986]

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162 All Party Identifier values have to be treated case insensitive even if the underlying scheme
163 requires a case sensitive value.
164 All Document Type Identifier values have to be treated case sensitive.
165 All Process Identifier values have to be treated case sensitive.
166 All Transport Profile Identifiers have to be treated case sensitive.

167 Applies to: All identifiers in all Peppol components

168 Note: all identifier scheme values are case sensitive (see POLICY 5, POLICY 16 and
169 POLICY 24)

170 *Example 1 (Participant Identifier Values):*

171 Participant Identifier Value `0088:abc` is equal to `0088:ABc`

172 Participant Identifier Value `0088:abc` is NOT equal to `0010:abc`

173 *Example 2 (Document Type Identifier Values):*

174 Document Type Identifier Value

```
urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:p
oacc:billing:3.0::2.1
```

178 is NOT equal to

```
URN:OASIS:NAMES:SPECIFICATION:UBL:SCHEMA:XSD:INVOICE-
2::INVOICE##URN:CEN.EU:EN16931:2017#COMPLIANT#URN:FDC:Peppol.EU:2017:P
OACC:BILLING:3.0::2.1
```

182 *Example 3 (Process Identifier Values):*

183 Process Identifier Value

```
urn:fdc:peppol.eu:2017:poacc:billing:01:1.0
```

185 is NOT equal to

```
URN:FDC:Peppol.EU:2017:POACC:BILLING:01:1.0
```

187 3 Policy for Peppol Participant Identification

188 Participant identifiers relate to technical entities and are used in all kinds of transport
189 level documents (e.g. the Peppol Business Message Envelope, AS4 User Message or
190 SMP endpoints) as well as in business documents.

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3.1 Format

191

192 **POLICY 3 Use of ISO15459 structure**

193 Participant Identifier values used in Peppol are comprised of:
194 ▪ An Identifier Scheme
195 ▪ The value provided by this Identifier Scheme

196 Applies to: All Participant identifiers in all Peppol components

197 **_Example:_**

198 Identifier Scheme: EAN International

199 Identifier Scheme according to [Peppol_CodeList]: `0088`

200 Value provided by the Identifier Scheme: `1234567890128`

201 **POLICY 4 Coding of Identifier Schemes**

202 All Identifier Schemes for Participant Identifiers are to be taken from the normative version of
203 [Peppol_CodeList].
204 This list is currently maintained by OpenPeppol.

205 Applies to: All Participant identifiers in all Peppol components

3.2 Identifier Scheme values

207 The values for the Peppol identifier Scheme Code list were originally taken from the
208 NESUBL PartyID code list but this has been extended to cover use by all Peppol
209 participants and includes other known Identifier Schemes (from e.g. ISO 6523[14]).

210 It is significant that this list will need ongoing extension under governance procedures
211 currently being developed (see section on Governance). To ensure sustainability and
212 proper governance it is proposed to include only Issuing Agency Codes (IACs) in the
213 following order of priority:

214   1. International recognized standard schemes, then

215   2. International de-facto accepted schemes, then

216   3. Nationally defined schemes

217 The actual values for numeric International Code Designators were based on the
218 following allocation criteria:

219   1. ISO 6523 International Code Designator (if known), or

220   2. ISO 9735 Identification code qualifier (if known), or

---

[14] See http://en.wikipedia.org/wiki/ISO_6523

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221   3. An incremental number starting from 9900 (issued by OpenPeppol)

222   Even though these numeric values are based on ISO code sets, they form a separate
223   Peppol code list because they contain additional values. Therefore, the Issuing Agency
224   for all numeric codes is Peppol and not ISO 6523.

POLICY 4a Participant Identifier Scheme Code List States

225

226   Code List rows with the state "deprecated" MUST NOT be used for newly exchanged
227   business documents or new SMP registrations, as the respective identifier issuing agency is
228   no longer active/valid. Rows with the state "removed" MUST NOT be used at all. Previous
229   Issuing Agency Codes MUST NOT be reused for different agencies as existing exchanged
230   documents may refer to them.

231   Applies to: All Participant identifiers in all Peppol components

232   Note: It is important to note that this is a dynamic list. Over time new services will be
233   added. Developers should take this into account when designing and implementing
234   solutions for Peppol services.

POLICY 5 Participant Identifier Meta Scheme

235

236   The Peppol Participant Identifier Meta Scheme is:
237   `iso6523-actorid-upis`

238   Applies to: All Participant Identifiers in all Peppol components

239   Note: This Meta Scheme is always case sensitive – only the Participant Identifier value is
240   case insensitive (see POLICY 2).

241   Note: The Participant Identifier Meta Scheme may be omitted in documents because it is
242   currently constant.

POLICY 6 Numeric Codes for Identifier Schemes

243

244   The numeric ISO 6523 code set as used in Peppol include additional code values not part of
245   the official ISO 6523 code set and so cannot be referred to as the official ISO 6523 code
246   set[15]. The codes starting with "99" are extending this code set and are called "extended
247   values". For convenience the term "ISO 6523" is used for all codes and indicates the origin
248   of many code values used.

249   Applies to: All participant identifiers in all Peppol components

POLICY 7 Participant Identifiers for DNS

250

251   Participant identifiers – consisting of scheme and value – are encoded as follows into a DNS
252   name:

---

[15] ISO 6523 is currently under revision after a 25 year working period; the new version will meet
requirements imposed by technological development.

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253
```
B-<hash-of-value>.<scheme>.<SML-zone-name>
```

254   Applies to: The resolution of Peppol Participant Identifiers for SMP clients

255   Explanation:

<hash-of-value>	Is the string representation of the MD5 hash value, of the lowercased identifier value (e.g. 0088:abc).
	The **UTF-8** charset needs to be used for extracting bytes out of strings for MD5 hash value creation.
	Lowercasing must be performed according to the **en_US** locale rules (no special character handling).
	Note: it is important, that the MD5 hash value is generated **after** the identifier value has been lowercased because according to POLICY 2 participant identifiers have to be treated case insensitive. "String representation" means the encoding of each MD5 hash-byte into 2 characters in the range of [0-9a-f] (e.g. byte value 255 becomes string representation "ff").
<scheme>	Is the identifier scheme value ("iso6523-actorid-upis" in Peppol) and is added "as is" into the DNS name[16].
	A scheme identifier may only contain the following characters: [a-z], [0-9], [-].
	A scheme identifier SHOULD be as short as possible and MUST NOT exceed 25 characters.
<SML-zone-name>	Is the DNS domain name of the SML zone (e.g. "edelivery.tech.ec.europa.eu." – mind the trailing dot).

256   ***Example:***

257   The Participant Identifier `0088:123abc` with the Meta Scheme `iso6523-actorid-`
258   `upis` in the SML DNS zone `edelivery.tech.ec.europa.eu.` is encoded into the
259   following identifier:

260   ```
        B-f5e78500450d37de5aabe6648ac3bb70.iso6523-actorid-upis.
261   edelivery.tech.ec.europa.eu.
        ```

262     The result must be the same if the identifier `0088:123ABC` is used, as identifier values
263     are treated case insensitive.

---

[16] Case changes may be done but are not required, as the underlying DNS system is case insensitive.

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264 **POLICY 8 XML attributes for Participant Identifiers in SMP responses**

265 The "scheme" attribute MUST be populated with the value "iso6523-actorid-upis" (see
266 POLICY 5) in all instances of the "ParticipantIdentifier" element.

267 Applies to: XML documents used in the SMP

268 *Example 1:*

269 The following example from an SMP exchange denotes that the SMP Endpoint is
270 identified using the ISO 6523 ICD value in the OpenPeppol set of Participant Identifier
271 Schemes. This in turn has a numeric value of `0088` meaning that the party has a GLN
272 number with the value of `7300010000001`.

273 ```
<ParticipantIdentifier scheme="iso6523-actorid-upis"
274 >0088:7300010000001</ParticipantIdentifier>
```

275 *Example 2:*

276 The following example denotes that the SMP Endpoint is identified using the ISO 6523
277 ICD value in the OpenPeppol set of Participant Identifier Schemes. This in turn has a
278 numeric value of `0002` meaning that the party has a French SIRENE identifier with the
279 value of `542034942`.

280 ```
<ParticipantIdentifier scheme="iso6523-actorid-upis"
281 >0002:542034942</ParticipantIdentifier>
```

282 **POLICY 9 XML attributes for Electronic Address IDs (EndpointID) in UBL**
283 **documents**

284 The "schemeID" attribute MUST be populated in all instances of the "EndpointID" element
285 when used within a "Party" element. The only valid values are defined in the
286 [Peppol_CodeList] as "ICD value".
287 Extended values starting with "99" as indicated by POLICY 6 MAY be used.

288 Applies to: All business documents used in a Peppol BIS with UBL syntax mapping

289 *Example:*

290 ```
<cac:Party>
291   <cbc:EndpointID schemeID="0088">7300010000001</cbc:EndpointID>
292 </cac:Party>
```

293 **POLICY 10 XML attributes for Electronic Address IDs in CII documents**

294 The "schemeID" attribute MUST be populated in all instances of the
295 "ram:URIUniversalCommunication/ram:URIID" element when used within a "Party" element.
296 The only valid values are defined in the [Peppol_CodeList] as "ICD value".
297 Extended values starting with "99" as indicated by POLICY 6 MAY be used.

298 Applies to: All business documents used in a Peppol BIS with CII syntax mapping

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299 *Example:*

```
<ram:BuyerTradeParty>
  <ram:URIUniversalCommunication>
    <ram:URIID schemeID="0088">7300010000001</ram:URIID>
  </ram:URIUniversalCommunication>
</ram:BuyerTradeParty>
```

305 **POLICY 11 XML attributes for Participant Identifiers in the Envelope (SBDH)**

306 The "Authority" attribute MUST be populated with the value "iso6523-actorid-upis" (see
307 POLICY 5) in all instances of the "Identifier" element.

308 Applies to: All instances of the Peppol Business Message Envelope (SBDH)

309 *Example 1:*

310 The following example denotes that the Sender Identifier of the Business Envelope is
311 identified using the ISO 6523 ICD value in the OpenPeppol set of Participant Identifier
312 Schemes. This in turn has an alphanumeric value of `0088:7300010000001` meaning
313 that the party has a GLN number with the value of `7300010000001`.

```
<Sender>
  <Identifier Authority="iso6523-actorid-
upis">0088:7300010000001</Identifier>
</Sender>
```

318 *Example 2:*

319 The following example denotes that the Receiver Identifier of the Business Envelope is
320 identified using the ISO 6523 ICD value in the OpenPeppol set of Participant Identifier
321 Schemes. This in turn has an alphanumeric value of `0088:7300010000001` meaning
322 that the party has a GLN number with the value of `7300010000001`.

```
<Receiver>
  <Identifier Authority="iso6523-actorid-upis">0088:7300010000001
</Identifier>
</Receiver>
```

327 4 Policy for Peppol Party Identification

328 Party identification relates to business entities and is only used in business documents.

329 4.1 Format

330 **POLICY 12 Use of ISO15459 structure**

331 Party Identifier values used in Peppol are comprised of:

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332 - An optional Identifier Scheme

333 - The value provided by this Identifier Scheme

334 Applies to: All Party identifiers in all Peppol components

335 Note: The Identifier Scheme MAY be omitted if it can be reasoned within the context[17].

336 *Example:*

337 Identifier Scheme: EAN International

338 Identifier Scheme according to ISO 6523: `0088`

339 Value provided by the Identifier Scheme: `1234567890128`

340 POLICY 13 Coding of Identifier Schemes

341 All Identifier Scheme for Party Identifiers are to be taken from the normative version of the
342 ISO 6523 ICD list.

343 Applies to: All Party identifiers in all Peppol components

344 POLICY 14 XML attributes for Party Identifiers in UBL documents

345 The "schemeID" attribute SHOULD be populated in all instances of the "ID" element when
346 used within a "PartyIdentification" element when used within a "Party" element. The only
347 valid values are defined in the [ISO 6523] code list as the numeric "International Code
348 Designator" (ICD) value.
349 Extended values starting with "99" as indicated by POLICY 6 MUST NOT be used.

350 Applies to: All business documents used in a Peppol BIS with UBL syntax mapping

351 Note: The Party Identification is not involved in a Peppol Document Exchange – it is
352 contained for business usage only.

353 *Example 1:*

354 The following example denotes that the ISO 6523 ICD value is `0088` meaning it's a GLN
355 number with the value of `7300010000001`.

```
<cac:PartyIdentification>
  <cbc:ID schemeID="0088">7300010000001</cbc:ID>
</cac:PartyIdentification>
```

359 *Example 2:*

360 The following example denotes that the ISO 6523 ICD value is `0002` meaning it's a
361 French SIRENE number with the value of `542034942`.

---

[17] This is e.g. relevant for the Peppol Billing BIS to be compliant with EN 16931.

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```
362     <cac:PartyIdentification>
363       <cbc:ID schemeID="0002">542034942</cbc:ID>
364     </cac:PartyIdentification>
```

POLICY 15 XML attributes for Party Identifiers in CII documents

The "schemeID" attribute SHOULD be populated in all instances of the "ID" element when used within a "PartyIdentification" element when used within a "Party" element. The only valid values are defined in the [ISO 6523] code list as the numeric "International Code Designator" (ICD) value.

Extended values starting with "99" as indicated by POLICY 6 MUST NOT be used.

Applies to: All business documents used in a Peppol BIS with CII syntax mapping

Note: The Party Identification is not involved in a Peppol Document Exchange – it is contained for business usage only.

Example 1:

The following example denotes that the ISO 6523 ICD value is `0088` meaning it's a GLN number with the value of `7300010000001`.

```
377     <ram:BuyerTradeParty>
378       <ram:ID schemeID="0088">7300010000001</ram:ID>
379     </ram:BuyerTradeParty>
```

Example 2:

The following example denotes that the ISO 6523 ICD value is `0002` meaning it's a French SIRENE number with the value of `542034942`.

```
383     <ram:BuyerTradeParty>
384       <ram:ID schemeID="0002 ">542034942</ram:ID>
385     </ram:BuyerTradeParty>
```

5 Policies on Identifying Document Types supported by Peppol

Document Types are represented by an identifier value and an identifier scheme type which represents the scheme or format of the identifier itself.

As outlined in POLICY 2 Document Type Identifier Values must be treated case sensitive.

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392   5.1 Document Type Identifier Schemes

393   The Peppol Network supports the following Document Type Identifier Schemes that are
394   supported to fit different purposes when advertising receiving capabilities:

- 395   • the scheme "busdox-docid-qns", supports "exact match"; and

- 396   • the scheme "peppol-doctype-wildcard" (introduced in v4.2.0), supports "exact
397   match" (since v4.3.0) as well as "best match" through the use of a wildcard

398   5.1.1 busdox-docid-qns

399   The Document Type Identifier Scheme "busdox-docid-qns" is the original Scheme that
400   was always available in Peppol. It defines the layout for Document Type Identifier Values
401   (see POLICY 20) as well as the matching rules. The matching of identifiers from the
402   SMP is exact matching only, so only Document Type Identifiers that have the same
403   Scheme and the same Value are considered equal.

404   Using this Scheme, Document Type Identifier Values MUST be identical for the sending
405   AP (C2[18]), the receiving AP (C3[19]) and the SMP registration (of C4[20]) of the receiving AP
406   in all occurrences. Hence, if the SMP registration for C4 uses the "busdox-docid-qns"
407   scheme, C2 can only initiate a business document exchange if there is an exact
408   Document Type Identifier Value string match.

409   5.1.2 peppol-doctype-wildcard

410   The Document Type Identifier Scheme "peppol-doctype-wildcard" was introduced to
411   support the Peppol International Invoicing (PINT) project, which enables receivers to
412   register multiple 'similar' receiving capabilities in an SMP, without having the need to
413   register multiple similar SMP endpoints. The goal of this Document Type Identifier
414   Scheme is to fulfil the PINT requirements but will also be applicable to similar future
415   requirements.

416   With this Document Type Identifier Scheme, business document receivers can register to
417   receive, in a single entry in their SMP registration, either

- 418   • all Document Types that match the root Document Type or are specialisations of
419   it. Specialised means that some or all features of the Parent Document Type are
420   used and all rules of the Parent Document Type are respected; or

- 421   • an exact Document Type, identical to the behaviour of the "busdox-docid-qns"
422   Document Type Identifier Scheme (see chapter 5.1.1)

---

[18] C2 refers to the 2nd corner of the 4-corner model
[19] C3 refers to the 3rd corner of the 4-corner model
[20] C4 refers to the 4th corner of the 4-corner model

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423 Under this Scheme, the layout of Document Type Identifier Values will also follow
424 POLICY 20 except for Customization ID.

425 The following rules for the "Customization ID" apply:

426 • [BR-PDC-01] The Customization ID MUST contain one or more "Parts". Every
427 Part following (i.e., being on the right side of) a previous Part MUST be
428 represented by a more specialised (i.e., further restricted) business specification.

429 • [BR-PDC-02] If more than one Part is used in one Customization ID, each
430 individual Part MUST be separated by the character "@" (ASCII Decimal 64) –
431 see examples below. The Separator should be interpreted as "specialised by".

432 • [BR-PDC-03] A Customization ID MUST NOT contain the same Part more than
433 once.

434 • [BR-PDC-04] The leftmost Part is called the "Root Part".

435 • [BR-PDC-05] A Part MUST NOT contain any of the characters "*" (ASCII Decimal
436 42), "@" (ASCII Decimal 64) or whitespace characters (ASCII Decimal 9, 10, 11,
437 12, 13, 32, 133, 160).

438 Note: The overall length restrictions imposed by POLICY 1 apply.

439 Note: These rules apply to all Customization IDs in all occurrences.

440 ***Example Customization IDs:***

441 • `a`

442 o One Part: `a`

443 o `a` is the Root Part

444 • `a@b`

445 o Two Parts: `a` and `b`

446 o `a` is the Root Part

447 • `a@b@c@d`

448 o Four Parts: `a`, `b`, `c` and `d`

449 o `a` is the Root Part

450 The concept of a "Wildcard Indicator" is introduced. It is represented by a "*" character
451 (star or asterisk character, ASCII Decimal 42).

452 The following rules for the Wildcard Indicator apply:

453 • [BR-PDW-01] It MUST only be used in combination with the "peppol-doctype-
454 wildcard" scheme.

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455   • [BR-PDW-02] It MAY occur in SMP endpoint registrations when using the
456   "peppol-doctype-wildcard" scheme. It MUST NOT occur in any other
457   standardized occurrences of "Customization IDs" (e.g. Peppol Business Message
458   Envelope, AS4 UserMessage and Business Document).

459   • [BR-PDW-03] If used, it MUST be the last character of the respective
460   Customization ID in an SMP endpoint registration.

461   • [BR-PDW-04] It MUST be used at maximum once per Identifier Value.

462   • [BR-PDW-05] If used, it MUST follow a Part. Consequently, a Wildcard Indicator
463   can never follow a Separator (as in `a@*`) and the sole usage of a Wildcard
464   Indicator is also NOT allowed (`*`).

465   **Examples of valid "peppol-doctype-wildcard" Customization IDs:**

466   • `a`

467   • `a*`

468   • `a@b`

469   • `a@b*`

470   • `a@b@c@d`

471   • `a@b@c@d*`

472   **Examples of invalid "peppol-doctype-wildcard" Customization IDs:**

473   • `a**`

474   o Only one Wildcard Character is allowed

475   o The Wildcard Character must be the last character

476   o Violates rules [BR-PDW-03] and [BR-PDW-04]

477   • `a@b@*`

478   o The Wildcard Character must follow a Part

479   o Violates rule [BR-PDW-05]

480   • `a*@b`

481   o The Wildcard Character must be the last character

482   o Violates rule [BR-PDW-03]

483   • `*`

484   o The Wildcard Character must follow a Part

485   o Violates rule [BR-PDW-05]

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486   Note: A Document Type Identifier Value for "busdox-docid-qns" MUST NOT contain the
487   "*" character.

5.1.2.1 Matching Document Type Identifiers without Wildcard Indicator

489   The matching of Document Type Identifiers without a valid Wildcard Indicator is exact
490   matching only, so only Document Type Identifiers that have the same Scheme and the
491   same Value are considered <u>equal</u>.

492   ***Examples:***

493   - SMP registration `a`

494   - Matches `a`

495   - Does not match e.g. `a@b`, `a@b@c@d`, `b`, `b@a` or `b@a@c`

496   - SMP registration `a@b`

497   - Matches `a@b`

498   - Does not match e.g. `a`, `a@b@c`, `a@b@c@d`, `a@c`, `b@a`, or `c@a@b`

5.1.2.2 Matching Document Type Identifiers with Wildcard Indicator

500   The following rules for matching Document Type Identifiers with "Wildcard Indicator"
501   apply (for SMP responses):

502   - [BR-PDM-01] When matching SMP responses, all the Parts up to the Wildcard
503   Indicator MUST be matched.

504   - [BR-PDM-02] When matching SMP responses, the Wildcard Indicator MUST act
505   as a generalization for zero, one or more Parts.

506   - [BR-PDM-03] Matching MUST be performed from left to right.

507   - [BR-PDM-04] A Customization ID that matches more Parts MUST have
508   precedence over a Customization ID with less matching Parts.

509   ***Examples:***

510   - SMP registration `a*`

511   - Matches e.g. `a`, `a@b` or `a@b@c@d`

512   - Does not match e.g. `b`, `b@a` or `b@a@c`

513   - SMP registration `a@b*`

514   - Matches e.g. `a@b`, `a@b@c`, `a@b@c@d`

515   - Does not match e.g. `a`, `a@c`, `b@a`, or `c@a@b`

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516   •   SMP has a registration for `a*` and `a@b*`

517   o   Senders wanting to send `a@b@c` must choose the SMP endpoint offered
518   by `a@b*`

519   o   Senders wanting to send `a@b` must choose the SMP endpoint offered by
520   `a@b*`

521   o   Senders wanting to send `a@c` must choose the SMP endpoint offered by
522   `a*`

523   o   Senders wanting to send `a` must choose the SMP endpoint offered by `a*`

524   o   Senders wanting to send `b@c` will not find a matching SMP endpoint

525   Note: The usage of this Document Type Identifier Scheme may lead to differences
526   between what the sending AP (C2) queries from the SMP and what the sending AP puts
527   into the Business Message Envelope (always the full Customization ID for the document,
528   without wildcard) to be delivered to the receiving AP (C3).

529   Note: The Customization ID is embedded into a Document Type Identifier Value as
530   described in chapter 5.2 and needs to be extracted before any matching can be
531   performed.

532   Note: Matching Document Type Identifiers is usually only done in Access Points and
533   other SMP lookup components. SMP server solutions don't need to perform any
534   matching.

5.1.2.3 Matching Document Type Identifiers precedence rules

536   A business document receiver may have more than one entry in their SMP registration
537   that matches a single Document Type, in which case the matching precedence rules
538   apply.

539   If one Participant has an SMP registration that contains entries with and without a
540   Wildcard Indicator, the exact match without a Wildcard Indicator MUST always take
541   precedence.

542   ***Examples:***

543   •   SMP has a registration for `a*` and `a@b`

544   o   Senders wanting to send `a` must choose the SMP endpoint offered by `a*`

545   o   Senders wanting to send `a@b` must choose the SMP endpoint offered by
546   `a@b`

547   o   Senders wanting to send `a@b@c` must choose the SMP endpoint offered
548   by `a*`

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549   o Senders wanting to send `a@c` must choose the SMP endpoint offered by
550   `a*`

551   o Senders wanting to send `b@c` will not find a matching SMP endpoint

5.1.3 Document Type Identifier Scheme Selection

553   Any BIS MUST choose to use exactly one specific Document Type Identifier Scheme.

554   For any BIS, that does not define an explicit Document Type Identifier Scheme, "busdox-
555   docid-qns" is to be used for backwards compatibility reasons. Any BIS can override the
556   default Document Type Identifier Scheme if there is sufficient value to warrant a different
557   approach. In the event of a particular BIS requiring additional special use, e.g. that exact-
558   match is not supported for some reason, the BIS-specific rules must be added to the
559   BIS.

5.1.4 Comparison between the different Document Type Identifier Schemes

562   The following table lists the equalities and differences of these Identifier Schemes:

Document Type Identifier Scheme	busdox-docid-qns	peppol-doctype-wildcard
Value Syntax	POLICY 20 applies The "*" is not allowed	POLICY 20 applies
Customization ID	Defined by a Peppol BIS	At least the Root Part needs to be defined by a Peppol BIS. Not all permutations are known in advance.
Receiver announces in SMP	Full Document Type Identifier	Full Document Type Identifier or Document Type Identifier including a Wildcard Indicator
Sender document type matching	Exact matches only	Exact matches and Wildcard matching
Sender provides in Envelope and Receiver receives in Envelope	Full Document Type Identifier	Full Document Type Identifier without a Wildcard. This value may differ from what is announced in the SMP.

563   **POLICY 16 Document Type Identifier Scheme**

564   The Peppol Document Type Identifier Scheme to be used MUST be one of the following:
565   `busdox-docid-qns`
566   `peppol-doctype-wildcard`

567   Applies to: All Document Type Identifiers in all components

568   Note: The Document Type Identifier Schemes are case sensitive.

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569 5.2 Document Type Identifier Values

570   The identifier format is an aggregated format that covers the following identifier concepts:

571   - **Syntax specific Identifier**:
572   This identifies the syntax (e.g. XML) and format (e.g. UBL Invoice) of the
573   document that is being exchanged in the service. E.g. for XML documents, the
574   root element namespace (the namespace of the schema defining the root
575   element) and document element local name (the name of the root element) are
576   concatenated using the "::" delimiter to define the syntax of the XML document.

577   - **Customization Identifier**:
578   An identification of the specification containing the total set of rules regarding
579   semantic content, cardinalities and business rules to which the data contained in
580   the business document conforms. Peppol requirements are documented in
581   Peppol BIS which also indicate the implementation syntax (like UBL). See
582   [Peppol_PostAward] for details.

583   - **Version Identifier**:
584   This identifies the version of a document type following the versioning
585   conventions of that specific document syntax and format.

586   **POLICY 17 Customization Identifiers**

587   For "busdox-docid-qns":
588   The Customization Identifier is defined in the relevant Peppol BIS specification.
589   A Customization Identifier MUST NOT contain "*" (ASCII Decimal 42) or whitespace
590   characters (ASCII Decimal 9, 10, 11, 12, 13, 32, 133, 160).

591   Applies to: All Document Type Identifiers in all components using the "busdox-docid-qns"
592   Document Type Identifier Scheme.

593   *Example 1 (from Billing BIS v3):*

594
595   ```
urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing
:3.0
```

596    *Example 2 (from Order BIS v3):*

597    
```
urn:fdc:peppol.eu:poacc:trns:order:3
```

598    For "peppol-doctype-wildcard":
599    The Customization Identifier is assembled from the "Parts" and the separator "@" (ASCII
600    Decimal 64) as described in chapter 5.1.2. At least the "Root Part" is defined in the relevant
601    Peppol BIS specification.
602    When used in SMP registrations, the "Wildcard Indicator" as described in chapter 5.1.2 MAY
603    be present.

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604  Applies to: All Document Type Identifiers in all components using the "peppol-doctype-
605  wildcard" Document Type Identifier Scheme.

606  ***Example 1:***

607
```
urn:peppol:pint:billing-1@jp-1
```

608  ***Example 2 (used for SMP registrations only):***

609
```
urn:peppol:pint:billing-1*
```

610  ***Example 3 (used for SMP registrations only):***

611
```
urn:peppol:pint:billing-1@jp-1*
```

612  **POLICY 18 Specifying Customization Identifiers in UBL documents**

613  The value for "CustomizationID" element in the UBL document instance must correspond to
614  the Customization ID of the Document Type Identifier.

615  Applies to: All business documents used in a Peppol BIS with UBL syntax mapping

616  ***Example (from Billing BIS v3):***

617
618
```
<cbc:CustomizationID>urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.
eu:2017:poacc:billing:3.0</cbc:CustomizationID>
```

619  **POLICY 19 Specifying Customization Identifiers in CII Documents**

620  The value for
621  "//ExchangeDocumentContext/GuidelineSpecifiedDocumentContextParameter/ID" element
622  in the CII document instance must correspond to the Customization ID of the Document
623  Type Identifier.

624  Applies to: All business documents used in a Peppol BIS with CII syntax mapping

625  ***CII example (from Billing BIS v3):***

626
627
628
629
630
631
632
633
```
<rsm:ExchangedDocumentContext>
  <ram:GuidelineSpecifiedDocumentContextParameter>
    <ram:ID>
urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:poacc:billing
:3.0
    </ram:ID>
  </ram:GuidelineSpecifiedDocumentContextParameter>
</rsm:ExchangedDocumentContext>
```

634  **POLICY 20 Document Type Identifier Value pattern**

635  The format of a Document Type Identifier Value is:
636  `<syntax specific id>##<customization id>::<version>`

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637
638

> `<version>` is used to reflect the version of the underlying format standard (e.g. the UBL version).

639    Applies to: All Document Type Identifiers in all components

640    The Document Type Identifier Value pattern is based on a concatenation of a syntax
641    specific identifier and a subtype identifier in the layout:

642

```
<syntax specific id>##<subtype Identifier>
```

643   The two consecutive hash signs `##` represent a string literal.

644   The `<syntax specific id>` for XML based documents is a concatenation of the
645   document element namespace URI and the document element local name, separated by
646   a double-colon:

647

```
<document element namespace URI>::<document element local name>
```

648   The `<subtype Identifier>` is the combination of customization ID and version.

649   Therefore, the final structure of the pattern is:

650

```
<syntax specific id>##<customization id>::<version>
```

651   When representing document type identifiers in URLs, the document identifier itself will
652   be prefixed with the scheme identifier (see POLICY 16) following two colons:

653
654

```
<scheme identifier>::<syntax specific id>##<customization
id>::<version>
```

655   This string must be percent encoded if used in a URL.

656   ***Example (from Billing BIS v3):***

657   The following example denotes a Document Type that is a UBL 2.1 Invoice conforming
658   to the Peppol Billing BIS v3.

659
660
661

```
urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:p
oacc:billing:3.0::2.1
```

Syntax specific ID	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice
XML document element namespace URI	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2
XML document element local name	Invoice

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Customization ID	urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017: poacc:billing:3.0
Version	2.1

662 **Example (using a Wildcard Customization ID):**

663 The following example denotes a Document Type for usage in an SMP registration that
664 is a UBL 2.1 Invoice conforming to an example Customization ID.

665
666
```
urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:peppol:pint:billing-1*::2.1
```

Syntax specific ID	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2::Invoice
XML document element namespace URI	urn:oasis:names:specification:ubl:schema:xsd:Invoice-2
XML document element local name	Invoice
Customization ID	urn:peppol:pint:billing-1*
Version	2.1

667 **POLICY 21 Specifying Document Type Identifiers in SMP documents**

668 The value for the "scheme" attribute must be one of the values listed in POLICY 16 and the
669 element value must be the Document Type Identifier itself.

670 Applies to: All XML documents used in the SMP

671 **Example (using busdox-docid-qns):**

672
673
674
675
676
```
<DocumentIdentifier scheme="busdox-docid-qns">
urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:cen.eu:en16931:2017#compliant#urn:fdc:peppol.eu:2017:p
oacc:billing:3.0::2.1
</DocumentIdentifier>
```

677 **Example (using peppol-doctype-wildcard with a Wildcard Indicator):**

678
679
680
681
```
<DocumentIdentifier scheme="peppol-doctype-wildcard">
urn:oasis:names:specification:ubl:schema:xsd:Invoice-
2::Invoice##urn:peppol:pint:billing-1*::2.1
</DocumentIdentifier>
```

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682   *Example (using peppol-doctype-wildcard without a Wildcard Indicator):*

```
683  <DocumentIdentifier scheme="peppol-doctype-wildcard">
684  urn:oasis:names:specification:ubl:schema:xsd:Invoice-
685  2::Invoice##urn:peppol:pint:billing-1@jp-1::2.1
686  </DocumentIdentifier>
```

687   Note: The Wildcard Indicator ("*") is optional for Customization IDs in SMP registrations
688   using the "peppol-doctype-wildcard" Document Type Identifier Scheme.

689   **POLICY 22 Specifying Document Type Identifiers in the Envelope (SBDH)**

690 When the "//BusinessScope/Scope/Type" element value is "DOCUMENTID", the value for
691 the "//BusinessScope/Scope/Identifier" element must be one of the values listed in POLICY
692 16 and the value of the element "//BusinessScope/Scope/InstanceIdentifier" must be the
693 Document Type Identifier Value itself.

694   Applies to: All instances of the Peppol Business Message Envelope (SBDH)

695   *Example (using busdox-docid-qns):*

```
696  <BusinessScope>
697    <Scope>
698      <Type>DOCUMENTID</Type>
699      <InstanceIdentifier>
700  urn:oasis:names:specification:ubl:schema:xsd:Invoice-
701  2::Invoice##urn:www.cenbii.eu:transaction:biitrns010:ver2.0:extended:u
702  rn:www.peppol.eu:bis:peppol4a:ver2.0::2.1</InstanceIdentifier>
703      <Identifier>busdox-docid-qns</Identifier>
704    </Scope>
705  </BusinessScope>
```

706   Note: The order of elements is defined by the Standard Business Document Header
707   XML Schema.

708   *Example (using peppol-doctype-wildcard):*

```
709  <BusinessScope>
710    <Scope>
711      <Type>DOCUMENTID</Type>
712      <InstanceIdentifier>
713  urn:oasis:names:specification:ubl:schema:xsd:Invoice-
714  2::Invoice##urn:peppol:pint:selfbilling-1@jp-
715  1::2.1</InstanceIdentifier>
716      <Identifier>peppol-doctype-wildcard</Identifier>
717    </Scope>
718  </BusinessScope>
```

719   Note: The order of elements is defined by the Standard Business Document Header
720   XML Schema.

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721   Note: The Wildcard Indicator MUST NOT be used in the SBDH.

722   **POLICY 23 Document Type Identifier Values**

723   All valid Document Type Identifier Values are defined in [Peppol_CodeList].

724   Applies to: All Document Type Identifiers in all components, except for SMP document
725   using a Wildcard Customization ID

726   **POLICY 23a Document Type Identifier Values Code List States**

727   Code List rows in [Peppol_CodeList] with the state "deprecated" MUST NOT be used for
728   new SMP endpoint registrations, rows with the state "removed" MUST NOT be used at all.

729   Applies to: All Document Type Identifiers in all components

730   Note: It is important to note that this is a dynamic list. Over time new services will be
731   added. Developers should take this into account when designing and implementing
732   solutions for Peppol services.

733   **POLICY 23b Abstract Document Type Identifiers**

734   Document instances MUST NOT use a Document Type Identifier marked as "abstract" in
735   [Peppol_CodeList].
736   Document Type Identifiers marked as "abstract" in [Peppol_CodeList] MUST only be used in
737   SMP endpoint registrations in combination with the Document Type Identifier Scheme
738   "peppol-doctype-wildcard" and a mandatory Wildcard Indicator.

739   Applies to: All Document Type Identifiers in all components

740   Note: The word "abstract" indicates, that such Document Type Identifiers are not
741   instantiable and as such can never directly appear in business documents.

742 6 Policy for Peppol Process Identifiers

743   Process Identifiers define the orchestrations in which business documents are
744   exchanged. A Process Identifier Value is referenced in a Peppol BIS specification as
745   "profile identifier".

746   As outlined in POLICY 2 Peppol process identifiers must be treated case sensitive.

747   **POLICY 24 Process Identifier Scheme**

748   The Peppol Process Identifier Scheme is:
749   `cenbii-procid-ubl`

750   Applies to: All Process Identifiers in all components

751   Note: this scheme identifier is always case sensitive

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752 **POLICY 25 Process Identifier Value**

753 All valid Process Identifier Values are defined in [Peppol_CodeList].
754 Process Identifier Values MUST NOT contain whitespace characters.

755 Applies to: All Process Identifiers in all components

756 *Example 1 (from Billing BIS v3):*

757 `urn:fdc:peppol.eu:2017:poacc:billing:01:1.0`

758 *Example 2 (from Order BIS v3):*

759 `urn:fdc:peppol.eu:poacc:bis:ordering:3`

760 **POLICY 25a Process Identifier Value Code List States**

761 Code List Rows in [Peppol_CodeList] with the state "deprecated" MUST NOT be used for
762 new SMP endpoint registrations, rows with the state "removed" MUST NOT be used at all.

763 Applies to: All Process Identifiers in all components

764 Note: It is important to note that this is a dynamic list. Over time new services will be
765 added. Developers should take this into account when designing and implementing
766 solutions for Peppol services.

767 **POLICY 26 Specifying Process Identifiers in the Envelope (SBDH)**

768 When the "//BusinessScope/Scope/Type" element value is "PROCESSID", the value for the
769 "//BusinessScope/Scope/Identifier" element must be "cenbii-procid-ubl" (see POLICY 24)
770 and the value of the element "//BusinessScope/Scope/InstanceIdentifier" must be the
771 Process Identifier Value itself.

772 Applies to: All instances of the Peppol Business Message Envelope (SBDH)

773 *Example:*

```
<BusinessScope>
  <Scope>
    <Type>PROCESSID</Type>
    <InstanceIdentifier>
urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</InstanceIdentifier>
    <Identifier>cenbii-procid-ubl</Identifier>
  </Scope>
</BusinessScope>
```

782 Note: The order of elements is defined by the Standard Business Document Header
783 XML Schema.

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784   **POLICY 27 Specifying Process Identifiers in SMP documents**

785   The value for the scheme attribute SHOULD be "cenbii-procid-ubl" (see POLICY 24) and the
786   element value MUST be the process identifier itself.

787   Applies to: XML documents used in the SMP

788   ***Example 1 (from Billing BIS v3):***

789
790
```
<ProcessIdentifier scheme="cenbii-procid-ubl"
>urn:fdc:peppol.eu:2017:poacc:billing:01:1.0</ProcessIdentifier>
```

791   ***Example 2 (from Order BIS v3):***

792
793
```
<ProcessIdentifier scheme="cenbii-procid-ubl"
> urn:fdc:peppol.eu:poacc:bis:ordering:3</ProcessIdentifier>
```

794 # 7   Policy on Identifying Transport Profiles in Peppol

795 ## 7.1   SMP

796   The Peppol Transport Infrastructure supports different transport protocols. Each endpoint
797   registered in an SMP is required to provide a transport profile identifying the used
798   transport.

799   **POLICY 28 Transport Profile Values**

800   All valid Transport Profile Values are defined in [Peppol_CodeList].

801   Applies to: All XML documents used in the SMP

802   **POLICY 28a Transport Profile Value Code List States**

803   Rows in [Peppol_CodeList] with the state "deprecated" MUST NOT be used for new SMP
804   endpoint registrations, rows with the state "removed" MUST NOT be used at all.

805   Applies to: All XML documents used in the SMP

806   Note: It is important to note that this is a dynamic list. Over time new services will be
807   added. Developers should take this into account when designing and implementing
808   solutions for Peppol services.

809   **POLICY 29 Specifying Transport Profiles in SMP documents**

810   The Transport Profile identifier MUST be placed in the "transportProfile" attribute of the SMP
811   "Endpoint" element.
812   The value of the "transportProfile" attribute is case sensitive.

813   Applies to: All XML documents used in the SMP

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814 *Example (AS4 profile v2):*

815
816
817

```
<Endpoint transportProfile="peppol-transport-as4-v2_0">
  ...
</Endpoint>
```

818 **8 Governance of this Policy**

819 This policy needs maintenance to ensure it supports new versions of the standards,
820 extensions to other identification schemes, new services etc.

821 This policy document together with the code lists for Identifier Schemes, Document Type
822 Identifiers, Process Identifiers and Transport Profiles is maintained by the Peppol
823 Transport Infrastructure Coordinating Community (TICC).

824 To ensure sustainability and proper governance of Identifier Schemes it is proposed to
825 include only Identifier Schemes in the scope of:

826 1. It should be verified, whether an inclusion in the official ISO 6523 code list is
827   possible

828 2. International recognized standard schemes (e.g. CEN, ISO, UN/ECE)

829 3. International de-facto accepted schemes (e.g. OASIS)

830 4. Nationally defined schemes

831 It shall be ensured that each Identifier Scheme provider:

832 1. Recognizes any organisation wishing to allocate unique Party identifiers as part
833   of Peppol. An individual organisation or company wishing to issue unique
834   identifiers shall do so through officially recognized umbrella organisations such as
835   their trade associations, network provider or a public or state agency;

836 2. Has defined rules so that a unique party identifier is only re-issued after the
837   previously issued unique identifier has ceased to be of significant to any user.
838   The length of such period should be dependent upon the environment in which
839   the unique identifier will be used.

840 These rules mirror those of an ISO 15459 registration Authority and will support the
841 option to transfer the responsibility that authority as part of the Peppol sustainability
842 programme.

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