

## Message structure: Client collateral registration (auth.mrg.001.01)

### Description:

The message registers the collateral of a client posted with a clearing member with a reporting obligation.

### Structure:

No.	Or	< XML Tag >	Name	Multiplicity	Type
0		<a href="#">KDPWDocument</a>	KDPW_CCP message structure	[1..1]	<a href="#">KDPWDocument</a>
0.1		<a href="#">auth.mrg.001.01</a>	Client collateral registration	[1..n]	<a href="#">auth.mrg.001.01</a>
1		<a href="#">GnlInf</a>	General information	[1..1]	<a href="#">GeneralInformation</a>
1.1		<a href="#">SndrMsgRef</a>	Sender message reference	[1..1]	<a href="#">Max16Text</a>
1.2		<a href="#">CreDtTm</a>	Creation date and time	[0..1]	<a href="#">DateAndDateTimeChoice</a>
1.2.1	{ or	<a href="#">Dt</a>	Date	[1..1]	<a href="#">ISODate</a>
1.2.2	} or	<a href="#">DtTm</a>	Date and time	[1..1]	<a href="#">ISODatetime</a>
2		<a href="#">CollDtls</a>	Collateral details	[1..1]	<a href="#">CollateralInstructionDetails</a>
2.1		<a href="#">CllrgMmbInf</a>	Clearing member information	[1..1]	<a href="#">ClearingMemberIdentification</a>
2.1.1		<a href="#">KDPWMmbld</a>	KDPW_CCP member identifier	[1..1]	<a href="#">KDPWMemberIdentifier</a>
2.1.2		<a href="#">KDPWMmbLEI</a>	Clearing member LEI	[0..1]	<a href="#">LEIIdentifier</a>
2.2		<a href="#">CollMktld</a>	Market identifier (ETD, OTC, SFTR)	[1..1]	<a href="#">Max4Text</a>
2.3		<a href="#">CllntDtls</a>	Client details	[1..1]	<a href="#">ClientIdentification</a>
2.3.1		<a href="#">Cllntld</a>	Client classification number (NKK)	[1..1]	<a href="#">Max8Text</a>
2.3.2		<a href="#">CllntLEI</a>	Client LEI	[1..1]	<a href="#">LEIIdentifier</a>
2.4		<a href="#">EligDt</a>	Eligible date	[1..1]	<a href="#">ISODate</a>
2.5		<a href="#">InitlMrqnPstd</a>	Initial margin posted	[1..1]	<a href="#">CurrencyAndAmount</a>
2.6		<a href="#">VartnMrqnPstd</a>	Variation margin posted	[1..1]	<a href="#">CurrencyAndAmount</a>
2.7		<a href="#">InitlMrqnRcvd</a>	Initial margin received	[1..1]	<a href="#">CurrencyAndAmount</a>
2.8		<a href="#">VartnMrqnRcvd</a>	Variation margin received	[1..1]	<a href="#">CurrencyAndAmount</a>
2.9		<a href="#">XcssCollPstd</a>	Excess collateral posted	[1..1]	<a href="#">CurrencyAndAmount</a>
2.10		<a href="#">XcssCollRcvd</a>	Excess collateral received	[1..1]	<a href="#">CurrencyAndAmount</a>

## Message component elements:

<b>KDPWDocument- KDPW_CCP system message (element)</b>	
<b>Description</b>	KDPW_CCP system message
<b>Type</b>	<a href="#">KDPWDocument</a>
<b>Source</b>	<xs:element name="KDPWDocument" type="KDPWDocument" />
<b>Amount- Amount (simple type)</b>	
<b>Description</b>	Amount
<b>Type</b>	Derivative of type: xs:decimal
<b>Format</b>	Min. value=0 Number of decimal places=2 Number of characters=14
<b>Source</b>	<pre>&lt;xs:simpleType name="Amount" &gt;   &lt;xs:restriction base="xs:decimal" &gt;     &lt;xs:minInclusive value="0" /&gt;     &lt;xs:fractionDigits value="2" /&gt;     &lt;xs:totalDigits value="14" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
<b>ClearingMemberIdentification- Clearing member identification (complex type)</b>	
<b>Description</b>	Clearing member identification
<b>Component elements</b>	<a href="#">KDPWMmbId</a> <a href="#">KDPWMmbLEI</a> {0,1}
<b>Source</b>	<pre>&lt;xs:complexType name="ClearingMemberIdentification" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" /&gt;     &lt;xs:element name="KDPWMmbLEI" type="LEIIdentifier" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>ClearingMemberIdentification/KDPWMmbId- KDPW_CCP member identifier (element)</b>	
<b>Description</b>	KDPW_CCP member identifier
<b>Type</b>	<a href="#">KDPWMemberIdentifier</a>
<b>Source</b>	<xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" />
<b>ClearingMemberIdentification/KDPWMmbLEI- Clearing member LEI (element)</b>	
<b>Description</b>	Clearing member LEI
<b>Type</b>	<a href="#">LEIIdentifier</a>
<b>Source</b>	<xs:element name="KDPWMmbLEI" type="LEIIdentifier" minOccurs="0" />

<b>ClientIdentification- Client identification (complex type)</b>	
<b>Description</b>	Client identification
<b>Component elements</b>	<a href="#">CIntId</a> <a href="#">CIntLEI</a>
<b>Source</b>	<pre>&lt;xs:complexType name="ClientIdentification" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="CIntId" type="Max8Text" /&gt;     &lt;xs:element name="CIntLEI" type="LEIIdentifier" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>ClientIdentification/CIntId- Client classification number (NKK) (element)</b>	
<b>Description</b>	Client classification number (NKK)
<b>Type</b>	<a href="#">Max8Text</a>
<b>Source</b>	<pre>&lt;xs:element name="CIntId" type="Max8Text" /&gt;</pre>
<b>ClientIdentification/CIntLEI- Client LEI (element)</b>	
<b>Description</b>	Client LEI
<b>Type</b>	<a href="#">LEIIdentifier</a>
<b>Source</b>	<pre>&lt;xs:element name="CIntLEI" type="LEIIdentifier" /&gt;</pre>
<b>CollateralInstructionDetails- Collateral instruction details (complex type)</b>	
<b>Description</b>	Collateral instruction details
<b>Component elements</b>	<a href="#">CIRgMmbInf</a> <a href="#">CollMktId</a> <a href="#">CIntDtIs</a> <a href="#">EligDt</a> <a href="#">InitlMrgnPstd</a> <a href="#">VartnMrgnPstd</a> <a href="#">InitlMrgnRcvd</a> <a href="#">VartnMrgnRcvd</a> <a href="#">XcssCollPstd</a> <a href="#">XcssCollRcvd</a>
<b>Source</b>	<pre>&lt;xs:complexType name="CollateralInstructionDetails" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="CIRgMmbInf" type="ClearingMemberIdentification" /&gt;     &lt;xs:element name="CollMktId" type="Max4Text" /&gt;     &lt;xs:element name="CIntDtIs" type="ClientIdentification" /&gt;     &lt;xs:element name="EligDt" type="ISODate" /&gt;     &lt;xs:element name="InitlMrgnPstd" type="CurrencyAndAmount" /&gt;     &lt;xs:element name="VartnMrgnPstd" type="CurrencyAndAmount" /&gt;     &lt;xs:element name="InitlMrgnRcvd" type="CurrencyAndAmount" /&gt;     &lt;xs:element name="VartnMrgnRcvd" type="CurrencyAndAmount" /&gt;     &lt;xs:element name="XcssCollPstd" type="CurrencyAndAmount" /&gt;     &lt;xs:element name="XcssCollRcvd" type="CurrencyAndAmount" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>CollateralInstructionDetails/CIRgMmbInf- Clearing member information (element)</b>	

<b>Description</b>	Clearing member information
<b>Type</b>	<a href="#">ClearingMemberIdentification</a>
<b>Source</b>	<xs:element name="ClrgMmbInf" type="ClearingMemberIdentification" />
<b>CollateralInstructionDetails/CollMktId- Market identifier (ETD, OTC, SFTR) (element)</b>	
<b>Description</b>	Market identifier (ETD, OTC, SFTR)
<b>Type</b>	<a href="#">Max4Text</a>
<b>Source</b>	<xs:element name="CollMktId" type="Max4Text" />
<b>CollateralInstructionDetails/CIntDtls- Client details (element)</b>	
<b>Description</b>	Client details
<b>Type</b>	<a href="#">ClientIdentification</a>
<b>Source</b>	<xs:element name="CIntDtls" type="ClientIdentification" />
<b>CollateralInstructionDetails/EligDt- Eligible date (element)</b>	
<b>Description</b>	Eligible date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<xs:element name="EligDt" type="ISODate" />
<b>CollateralInstructionDetails/InitlMrgnPstd- Initial margin posted (element)</b>	
<b>Description</b>	Initial margin posted
<b>Type</b>	<a href="#">CurrencyAndAmount</a>
<b>Source</b>	<xs:element name="InitlMrgnPstd" type="CurrencyAndAmount" />
<b>CollateralInstructionDetails/VartnMrgnPstd- Variation margin posted (element)</b>	
<b>Description</b>	Variation margin posted
<b>Type</b>	<a href="#">CurrencyAndAmount</a>
<b>Source</b>	<xs:element name="VartnMrgnPstd" type="CurrencyAndAmount" />
<b>CollateralInstructionDetails/InitlMrgnRcvd- Initial margin received (element)</b>	
<b>Description</b>	Initial margin received
<b>Type</b>	<a href="#">CurrencyAndAmount</a>
<b>Source</b>	<xs:element name="InitlMrgnRcvd" type="CurrencyAndAmount" />
<b>CollateralInstructionDetails/VartnMrgnRcvd- Variation margin received (element)</b>	
<b>Description</b>	Variation margin received
<b>Type</b>	<a href="#">CurrencyAndAmount</a>
<b>Source</b>	<xs:element name="VartnMrgnRcvd" type="CurrencyAndAmount" />
<b>CollateralInstructionDetails/XcssCollPstd- Excess collateral posted (element)</b>	
<b>Description</b>	Excess collateral posted
<b>Type</b>	<a href="#">CurrencyAndAmount</a>

<b>Source</b>	<code>&lt;xs:element name="XcssCollPstd" type="CurrencyAndAmount" /&gt;</code>		
<b>CollateralInstructionDetails/XcssCollRcvd- Excess collateral received (element)</b>			
<b>Description</b>	Excess collateral received		
<b>Type</b>	<a href="#">CurrencyAndAmount</a>		
<b>Source</b>	<code>&lt;xs:element name="XcssCollRcvd" type="CurrencyAndAmount" /&gt;</code>		
<b>Code4Text- Qualifier (simple type)</b>			
<b>Description</b>	Qualifier, code		
<b>Type</b>	Derivative of type: xs:string		
<b>Format</b>	Min. length=4 Max. length=4		
<b>Source</b>	<pre> &lt;xs:simpleType name="Code4Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="4" /&gt;     &lt;xs:maxLength value="4" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		
<b>CurrencyAndAmount- Currency and amount (complex type)</b>			
<b>Description</b>	Currency and amount		
<b>Type</b>	Derivative of type: <a href="#">Amount</a>		
<b>Attributes</b>	<b>Name</b>	<b>Description</b>	<b>Type</b>
	Ccy	Currency code	<a href="#">CurrencyCode</a>
<b>Source</b>	<pre> &lt;xs:complexType name="CurrencyAndAmount" &gt;   &lt;xs:simpleContent&gt;     &lt;xs:extension base="Amount" &gt;       &lt; xs:attribute name="Ccy" type="CurrencyCode" use="required" /&gt;     &lt;/xs:extension&gt;   &lt;/xs:simpleContent&gt; &lt;/xs:complexType&gt; </pre>		
<b>CurrencyCode- Currency code (simple type)</b>			
<b>Description</b>	Currency code		
<b>Type</b>	Derivative of type: xs:string		
<b>Format</b>	xs:pattern=[A-Z]{3,3}		
<b>Source</b>	<pre> &lt;xs:simpleType name="CurrencyCode" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:pattern value="[A-Z]{3,3}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>		
<b>DateAndDateTimeChoice- Date and time (complex type)</b>			
<b>Description</b>	Date and time		

<b>Component elements</b>	<a href="#">Dt</a> <a href="#">DtTm</a>
<b>Source</b>	<pre>&lt;xs:complexType name="DateAndDateTimeChoice" &gt;   &lt;xs:sequence &gt;     &lt;xs:choice &gt;       &lt;xs:element name="Dt" type="ISODate" /&gt;       &lt;xs:element name="DtTm" type="ISODateTime" /&gt;     &lt;/xs:choice&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>DateAndDateTimeChoice/Dt- Date (element)</b>	
<b>Description</b>	Date
<b>Type</b>	<a href="#">ISODate</a>
<b>Source</b>	<pre>&lt;xs:element name="Dt" type="ISODate" /&gt;</pre>
<b>DateAndDateTimeChoice/DtTm- Date and time (element)</b>	
<b>Description</b>	Date and time
<b>Type</b>	<a href="#">ISODateTime</a>
<b>Source</b>	<pre>&lt;xs:element name="DtTm" type="ISODateTime" /&gt;</pre>
<b>GeneralInformation- General information (complex type)</b>	
<b>Description</b>	General information
<b>Component elements</b>	<a href="#">SndrMsgRef</a> <a href="#">CreDtTm</a> {0,1}
<b>Source</b>	<pre>&lt;xs:complexType name="GeneralInformation" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;     &lt;xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>GeneralInformation/SndrMsgRef- Sender message reference (element)</b>	
<b>Description</b>	Sender message reference
<b>Type</b>	<a href="#">Max16Text</a>
<b>Source</b>	<pre>&lt;xs:element name="SndrMsgRef" type="Max16Text" /&gt;</pre>
<b>GeneralInformation/CreDtTm- Creation date and time (element)</b>	
<b>Description</b>	Creation date and time
<b>Type</b>	<a href="#">DateAndDateTimeChoice</a>
<b>Source</b>	<pre>&lt;xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" /&gt;</pre>
<b>ISODate- Date (simple type)</b>	
<b>Description</b>	Date
<b>Type</b>	Derivative of type: xs:date

<b>Format</b>										
<b>Source</b>	<pre>&lt;xs:simpleType name="ISODate" &gt;   &lt;xs:restriction base="xs:date" &gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>									
<b>ISODateTime- Date and time (simple type)</b>										
<b>Description</b>	Date and time									
<b>Type</b>	Derivative of type: xs:dateTime									
<b>Format</b>										
<b>Source</b>	<pre>&lt;xs:simpleType name="ISODateTime" &gt;   &lt;xs:restriction base="xs:dateTime" &gt;     &lt;/xs:restriction&gt;   &lt;/xs:simpleType&gt;</pre>									
<b>KDPWDocument- KDPW system message (complex type)</b>										
<b>Description</b>	KDPW system message									
<b>Attributes</b>	<table border="1"> <thead> <tr> <th>Name</th> <th>Description</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>Sndr</td> <td>Sender</td> <td><a href="#">KDPWMemberIdentifier</a></td> </tr> <tr> <td>Rcvr</td> <td>Receiver</td> <td><a href="#">KDPWMemberIdentifier</a></td> </tr> </tbody> </table>	Name	Description	Type	Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>	Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>
Name	Description	Type								
Sndr	Sender	<a href="#">KDPWMemberIdentifier</a>								
Rcvr	Receiver	<a href="#">KDPWMemberIdentifier</a>								
<b>Component elements</b>	<a href="#">auth.mrg.001.01</a> { 1,unbounded }									
<b>Source</b>	<pre>&lt;xs:complexType name="KDPWDocument" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="auth.mrg.001.01" type="auth.mrg.001.01" maxOccurs="unbounded" /&gt;   &lt;/xs:sequence&gt;   &lt; xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" /&gt;   &lt; xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" /&gt; &lt;/xs:complexType&gt;</pre>									
<b>KDPWDocument/auth.mrg.001.01- Client collateral registration (element)</b>										
<b>Description</b>	Client collateral registration									
<b>Type</b>	<a href="#">auth.mrg.001.01</a>									
<b>Source</b>	<pre>&lt;xs:element name="auth.mrg.001.01" type="auth.mrg.001.01" maxOccurs="unbounded" /&gt;</pre>									
<b>KDPWMemberIdentifier- KDPW member identifier (simple type)</b>										
<b>Description</b>	KDPW member identifier									
<b>Type</b>	Derivative of type: xs:string									
<b>Format</b>	Min. length=4 Max. length=4									
<b>Source</b>	<pre>&lt;xs:simpleType name="KDPWMemberIdentifier" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>									

	<pre> &lt;xs:minLength value="4" /&gt; &lt;xs:maxLength value="4" /&gt; &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>LEIIdentifier- LEI identifier (simple type)</b>	
<b>Description</b>	LEI identifier
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	xs:pattern=[A-Z0-9]{18,18}[0-9]{2,2}
<b>Source</b>	<pre> &lt;xs:simpleType name="LEIIdentifier" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:pattern value="[A-Z0-9]{18,18}[0-9]{2,2}" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Max4Text- Text (simple type)</b>	
<b>Description</b>	Text, maximum length 4 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=4
<b>Source</b>	<pre> &lt;xs:simpleType name="Max4Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="4" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Max8Text- Text (simple type)</b>	
<b>Description</b>	Text, maximum length 8 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=8
<b>Source</b>	<pre> &lt;xs:simpleType name="Max8Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="8" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt; </pre>
<b>Max16Text- Text (simple type)</b>	
<b>Description</b>	Text, maximum length 16 characters
<b>Type</b>	Derivative of type: xs:string



<b>Format</b>	Min. length=1 Max. length=16
<b>Source</b>	<pre>&lt;xs:simpleType name="Max16Text" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="16" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
<b>Max16TextCollapse- Text (simple type)</b>	
<b>Description</b>	Text, maximum length 16 characters
<b>Type</b>	Derivative of type: xs:string
<b>Format</b>	Min. length=1 Max. length=16
<b>Source</b>	<pre>&lt;xs:simpleType name="Max16TextCollapse" &gt;   &lt;xs:restriction base="xs:string" &gt;     &lt;xs:whiteSpace value="collapse" /&gt;     &lt;xs:minLength value="1" /&gt;     &lt;xs:maxLength value="16" /&gt;   &lt;/xs:restriction&gt; &lt;/xs:simpleType&gt;</pre>
<b>auth.mrg.001.01- Client collateral registration (complex type)</b>	
<b>Description</b>	Client collateral registration
<b>Component elements</b>	<a href="#">GnlInf</a> <a href="#">CollDtls</a>
<b>Source</b>	<pre>&lt;xs:complexType name="auth.mrg.001.01" &gt;   &lt;xs:sequence &gt;     &lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;     &lt;xs:element name="CollDtls" type="CollateralInstructionDetails" /&gt;   &lt;/xs:sequence&gt; &lt;/xs:complexType&gt;</pre>
<b>auth.mrg.001.01/GnlInf- General information (element)</b>	
<b>Description</b>	General information
<b>Type</b>	<a href="#">GeneralInformation</a>
<b>Source</b>	<pre>&lt;xs:element name="GnlInf" type="GeneralInformation" /&gt;</pre>
<b>auth.mrg.001.01/CollDtls- Collateral details (element)</b>	
<b>Description</b>	Collateral details
<b>Type</b>	<a href="#">CollateralInstructionDetails</a>
<b>Source</b>	<pre>&lt;xs:element name="CollDtls" type="CollateralInstructionDetails" /&gt;</pre>