

SEMOpX Information Notice – 24 January 2020

M7 6.8 Release – API Impacts clarification

Important information – Action required

- **Go live planned for 11 February**, subject to successful internal testing
- **API impact not mentioned before: AllUsersReq/Resp requires the 6.8 API schema**
- All customers using this message should test their API app in ADV SIMU if not done yet
- The automatic user password expiry every 90 days will **NOT** start with M7 6.8
- Update of the List of known M7 API issues and fixes
 - Good-to-know behaviour: Change Password Request leads to 2 AckResp

Dear API Customers and Members,

Please find below a few clarifications about the M7 6.8 API impacts.

1 M7 6.8 Clarifications

1.1 6.8 XSD change mandatory for AllUsersResp response

The AllUsersReq and AllUsersResp messages enable customers to retrieve the list of their users in the M7 system.

If you use this AllUsersReq message you probably already noticed a slight change in the API schema introducing the type “FullUserType” in 6.8 (instead of “ExistingUserType” in 6.7) for the “Usr” element:

```
<xs:complexType name="FullUserType">
  <xs:complexContent>
    <xs:extension base="ExistingUserType">
      <xs:attributeGroup ref="userOrdReqAttrGrp"/>
      <xs:attribute name="mailAddress" type="stringType255" use="optional">
        <xs:annotation>
          <xs:documentation>Receiving mail address</xs:documentation>
        </xs:annotation>
      </xs:attribute>
      <xs:attribute name="loginId" type="stringType255" use="optional">
        <xs:annotation>
          <xs:documentation>Login ID for the user</xs:documentation>
        </xs:annotation>
      </xs:attribute>
    </xs:extension>
  </xs:complexContent>
</xs:complexType>
```

```
<xs:element name="AllUsersResp" final="#all">
  <xs:annotation>
    <xs:documentation>
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="StandardHeader" type="StandardHeaderType" minOccurs="1" maxOccurs="1">
        <xs:annotation>
          <xs:documentation>Standard header of each message. Please see [Standard Message Header] (#standard-message-header) .
          </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="UsrList" minOccurs="1" maxOccurs="1">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="Usr" type="FullUserType" minOccurs="0" maxOccurs="unbounded"/>
          </xs:sequence>
          <xs:anyAttribute processContents="lax"/>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

As a result, API applications sending an AllUsersReq message will experience an error when unmarshalling the AllUsersResp if not using the 6.8 API schema.

In general we always recommend to test your application against the newest version. Therefore we invite all our API customers not using the 6.8 API schema and who have not yet tested their application against our ADV SIMU 6.8 environment to perform regression tests against M7 6.8 with all functionalities associated with this AllUsersResp.

Note: this change is present since the first delivery of M7 6.8 on ADV SIMU mid- November 2019 and the initial XSD file sending. The 6.8 API schema and thus the related **XSD file** have not changed in between.

1.2 Password security policy progress

In order to give you more time to implement automatic password changes in your API applications, **the automatic user password expiry after 90 days will NOT be activated with the 6.8**, but after it before end of Q2 2020.

A separate notice has been sent to customers referring to the “List of M7 API known issues and fixes”: the section good-to-know has been enriched with the description of the 2 AckResp in case of a successful Password Change Request.

1.3 List of M7 API known issues and fixes

Please check that you receive a separate alert with an updated version of the “List of M7 API issues and fixes” document. If you have not received this alert, please contact us at info@semopx.com and we will forward a copy to you directly via email.

2 ADV SIMU environment details

M7 6.8 is deployed on ADV SIMU.

Please contact marketops@ops.semopx.com should you need any help with your API user and password.

Please find below the Advanced Simulation environment details:

Advanced Simulation environment (two-sided)	
ComTrader 6.8	<p>Download link: http://comtrader-advsimu.epexspot.com/</p> <p>Profile Server: https://exte1.profiles.m7.deutsche-boerse.com:60100/ https://exte2.profiles.m7.deutsche-boerse.com:60100/</p> <p>AMQP M7 Server: advsimu1.epex.m7.deutsche-boerse.com:50240 advsimu2.epex.m7.deutsche-boerse.com:50240</p> <p>Leased Line: 10.136.148.23:50240 10.136.20.18:50240</p>
M7 6.8	<p>Report WebGUI: https://advsimu1.epex.m7.deutsche-boerse.com:60240/ https://advsimu2.epex.m7.deutsche-boerse.com:60240/</p> <p>Leased Line: https://10.136.148.23:60240/ https://10.136.20.18:60240/</p>

For any further points of clarify, please contact info@semopx.com and your query will be routed to the relevant point of contact.

Best Regards,

SEMOpX