

Date: 05/12/2022

Subject: HUD CMS Developer Alert: ARM Version 15.2.6.1

HUD CMS Developers:

ARM Version 15.2.6.1 – An updated version of the HCS ARM 6 Web Service (v.15.2.6.1) is now available on the ARM Pilot Server. It is anticipated that this release will be available on Production by 05/23/2022. The changes are described in the attached ARM F11M V15.2.6.1 Release Notes. An updated Interface Control Document (ICD) and Software Developers Kit (SDK) will be posted soon to the CMS Guidance page: <https://www.hudexchange.info/programs/housing-counseling/cms/#agency-reporting-module-armrequirements>.

Thank you,
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Release no later than date: 05/27/2022

ARM6 V15.2.6.1

Contents of the Release

Changes to Web Service Interface

Changes to Databag XML Schema

1. arm-internal.xsd

2. arm.xsd

3. simpleTypes6.0.xsd

Old: **None**

New: `<xs:simpleType name="UEIId">
 <xs:restriction base="xs:string">
 <xs:maxLength value="12" />
 <xs:pattern value="[1-9a-hj-np-zA-HJ-NP-Z]{11}" />
 </xs:restriction>
</xs:simpleType>`

Old: `<xs:simpleType name="certifiedCounselorHudId">
 <xs:restriction base="xs:string">
 <xs:maxLength value="6" />
 <xs:pattern value="([Nn](/{0,1})[Aa])|([0-9a-zA-Z]{6}))" />
 </xs:restriction>
</xs:simpleType>`

New: `<xs:simpleType name="certifiedCounselorHudIdNA">
 <xs:restriction base="xs:string">
 <xs:maxLength value="6" />
 <xs:pattern value="([Nn](/{0,1})[Aa])|([0-9a-zA-Z]{6}))" />
 </xs:restriction>
</xs:simpleType>
<xs:simpleType name="certifiedCounselorHudId">
 <xs:restriction base="xs:string">
 <xs:maxLength value="6" />
 <xs:pattern value="[0-9a-zA-Z]{6}" />
 </xs:restriction>
</xs:simpleType>`

4. agency_profile_databag_6_0.xsd

Old: **None**

New: `<xs:element name="Agency_UEI_Nbr" type="st:UEIId" minOccurs="0" />`

5. counselor_profile_databag_6_0.xsd

Old: `<xs:element name="Counselor_HUD_Id" type="st:certifiedCounselorHudId" />`
 New: `<xs:element name="Counselor_HUD_Id" type="st:certifiedCounselorHudIdNA" />`

6. client_profile_databag_6_0.xsd**7. form_9902_databag_6_0.xsd**

Old: `<xs:element name="Group_Session_Counselor_HUD_Id" type="st:certifiedCounselorHudId" />`
 New: `<xs:element name="Group_Session_Counselor_HUD_Id" type="st:certifiedCounselorHudIdNA" />`

Changes to WSDL**ARM:**

Old: `<wsdl:documentation>ARM VERSION: 15.0.6.0</wsdl:documentation>`
 New: `<wsdl:documentation>ARM VERSION: 15.2.6.1</wsdl:documentation>`

Old: `<wsdl:message name="postSubmission">
 <wsdl:part element="tns:postSubmission" name="postSubmission">
 </wsdl:part>
 </wsdl:message>`

New: `None`

Old: `<wsdl:operation name="postSubmission">
 <wsdl:input message="tns:postSubmission" name="postSubmission">
 </wsdl:input>
 <wsdl:output message="tns:postSubmissionResponse" name="postSubmissionResponse">
 </wsdl:output>
 </wsdl:operation>`

New: `None`

Old: `<wsdl:operation name="postSubmission">
 <soap:operation soapAction="" style="document" />
 <wsdl:input name="postSubmission">
 <soap:body use="literal" />
 </wsdl:input>
 <wsdl:output name="postSubmissionResponse">
 <soap:body use="literal" />
 </wsdl:output>
 </wsdl:operation>`

New: `None`

ARMReference:

Old: <wsdl:documentation>ARM REFERENCE VERSION: 1.0.0.0 (with ARM VERSION 15.0.6.0)</wsdl:documentation>
New: <wsdl:documentation>ARM REFERENCE VERSION: 1.0.0.0 (with ARM VERSION 15.2.6.1)</wsdl:documentation>

Changes to SDK

1. New simpleTypes6.0.xsd
2. New agency_profile_databag_6_0.xsd

Changes to the Web Service Behavior

1. Dropped method **postSubmission**, which was a defunct method not used in databag v.6.0.
2. Processing of Client Profile submissions - When processing client profile submissions overwrite previously submitted client profile data for the agency and fiscal year of the submission.
3. Processing of Form 9902 submissions:
 - When processing group session data overwrite previously submitted group session and attendee data for the agency and form 9902 reporting year and quarter of the submission.
 - When processing Form 9902 submissions if the reporting year and quarter is in the future reject the submission with the error: **ERROR: Invalid Reporting Period: Quarter # (Ref.Id. [#]) for current FY may not be higher than current (Quarter #, Ref.Id. [#]). Please correct and resubmit.**
4. All submission types:
 - When processing any submission in ARM v6 validate that the CMS has a CMS version number of 6.0. If the version number is not 6.0 reject submission with the error: **ERROR: [Submission Type]Data: CMS databag version number must be 6.0.**
 - When processing any submission in ARM v6 if the fiscal year reference value is less than 28 reject submission with the error: **ERROR: [Submission Type]Data: Fiscal Year reference value [##] is incorrect. Please use getReference to obtain acceptable values.**

Bug Fixes

Advisories