



crowdwisdom®

Set Completion API

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Purpose:

Set Completion Web Service provides an integration point for trusted third-party applications to send completion records to the LMS Learning Portal.

WSDL Locations:

Production: <https://<clientID>.mycrowdwisdom.com/diweb/ws/integration/v1?wsdl>

Staging: <https://<clientID>.precrowdwisdom.com/diweb/ws/integration/v1?wsdl>

Service API:

There are three API methods defined:

diConnect – initiate communication and obtain authorization from the LMS Learning Portal.

setCompletion – send one completion record to the Learning Portal.

setCompletions – send one or more completion records to the Learning Portal.

Client application must obtain a session token first by calling the *diConnect* method, then use the given session token to invoke the appropriate actions (i.e. *setCompletions*)

Set Completion:

Allows AMS send completion records to the LMS using web service API.

WSDL: <https://.../diweb/ws/integration/v1?wsdl>

Methods:

* send one completion record to the LMS for processing *setCompletion(systemId, sessionToken, CompletionRecord)*

** send multiple completion records to the LMS for processing *setCompletion(systemId, sessionToken, List<CompletionRecord>)*

Parameters:

systemId – a client specific system identifier assigned.

sessionToken – obtained by calling the ymConnect method.

completionRecord:

Code	Type	Description	Required	Default
customerId	String	Unique customer/user identifier in the AMS system	Y	
productId	String	Unique product identifier in the AMS system	Y	
completion	Completion Type	Completion types are: "Completed", "Passed", "Failed"	Y	Completed
status	Status Type	Enrollment status to be set. Must be either "Active" or "Finished"	N	Active
score	Float	Score to be set	N ** score will not be set if not specified	
timeSpent	Long	Total amount of time (in milliseconds) spent on the learning module	N ** timeSpent property will not be set if not specified	
completionDate	Date Time	The date and time the user completed the learning module	N	Default to current date and time
grantCredits	Boolean	Whether to grant credits	N	True
issueCertificates	Boolean	Whether to issues certificates	N	True

publishToAms	Boolean	Whether to publish credits and completion status back to AMS	N ** applicable to clients with transcript integration only	True
startDate	Date Time	Enrollment start date and time	N ** used only if the user is not currently enrolled	Completion
endDate	Date Time	Enrollment end date and time	N ** used only if the user is not currently enrolled	Completion

Error Codes:

Code	Description
1	Invalid Session Token
2	Invalid System ID
201	Invalid Product Identifier
501	Missing Mandatory Parameter(s)
600	Catalog is not accessible

Example code on next page.

Example

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:int="http://ws.mycrowdwisdom.com/integration/">
  <soapenv:Header/>
  <soapenv:Body>
    <int:setCompletion>
      <systemId?</systemId>
      <sessionToken?</sessionToken>
      <record>
        <customerId?</customerId>
        <productId?</productId>
        <completion>Completed</completion>
        <!--Optional:-->
        <status>Active</status>
        <!--Optional:-->
        <score?</score>
        <!--Optional:-->
        <timeSpent?</timeSpent>
        <!--Optional:-->
        <completionDate?</completionDate>
        <!--Optional:-->
        <grantCredits>true</grantCredits>
        <!--Optional:-->
        <issueCertificates>true</issueCertificates>
        <!--Optional:-->
        <publishToAms>true</publishToAms>
        <!--Optional:-->
        <startDate?</startDate>
        <!--Optional:-->
        <endDate?</endDate>
        <!--Optional:-->
        <packageId?</packageId>
        <!--Optional:-->
        <credits>
          <!--Zero or more repetitions:-->
          <credit name="?" title="?"></credit>
        </credits>
        <!--Optional:-->
        <autoGrantCredits?</autoGrantCredits>
        <!--Optional:-->
        <customerFirstName?</customerFirstName>
        <!--Optional:-->
        <customerLastName?</customerLastName>
        <!--Optional:-->
        <customerEmail?</customerEmail>
        <!--Optional:-->
        <createDate?</createDate>
      </record>
    </int:setCompletion>
  </soapenv:Body>
</soapenv:Envelope>
```