# Vubiz Account Management Services

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* These services return JSON – NOT XML.
* Can be accessed either live or on our staging server:
  + [https://vubiz.com/portal/services/accountManagement.asmx](https://vubiz.com/portal/services/accountManagement.asmxvuAcct.svc) (live)
  + <https://stagingweb.vubiz.com/portal/services/accountManagement.asmx> (staging)
* Note SSL is not mandatory but recommended.
* Provides three methods
  + changePassword – allows you to change/update a learner’s existing unique identified (password)
  + isV5Member – allows you to confirm that credentials entered are or are not on file
  + memberStatus – this returns the learning history of a learner

**changePassword**

* The **changePassword** service method expects 3 elements/variables:
  + **membAcctId** – this is the customer account containing the learner whose unique identifier you wish to change. An example is “2544” or “X3A4”. It must be 4 characters long. This should NOT be confused with the Customer ID which is like “CCHS2544”.
  + **membOldId** – this is the existing Unique Identifier in the above Account that must be changed (in V5 this is called the Password but in the newer services like Portal it is called Username);
  + **membNewId** – this is the new Unique Identifier;
* The service method returns (in JSON format) one of the following:  
    
  {  
  'statusNumber':'200','statusDescription':'Password Successfully Updated.'  
  'statusNumber':'430','statusDescription':'The New and Old Passwords are the same.'  
  'statusNumber':'431','statusDescription':'The Account Id is not valid.'  
  'statusNumber':'432','statusDescription':'The New Password already exists.'  
  'statusNumber':'433','statusDescription':'The Old Password does NOT exist.'  
  'statusNumber':'434','statusDescription':'The Old Password must be an Active Learner or Facilitator.'  
  'statusNumber':'435','statusDescription':'The New Password is not valid.'  
  'statusNumber':'436','statusDescription':'The Old Password is not valid.'  
  }

**isV5Member**

* The **isV5Member** service method expects 2 values:
  + **custId** - Customer Id in the form ABCD1234
  + **membId** - Learner Id (in V5 this is the Password but in newer services this is the Username)
* The service will return 'isMember': '1' if an **active** learner, else 'isMember': '0'

**memberStatus**

* The **memberStatus** service method expects 2 elements/variables:
  + **custId** – this is the customer account containing the learner whose unique identifier you wish to change. An example is “CCHS2544” or “CCHSX3A4”. It must be 8 characters long. This should NOT be confused with the Account ID which is like “2544”.
  + **membId** – this is the Unique Identifier of the Learner whose status you wish returned. (In V5 this is the Password but in newer apps this is the Username)
* The service method returns (in JSON format) a series of fields about this learner and his learning:
* First about the learner (member):
  + isParent: true or false as to whether or not this learner belongs to a parent or child account
  + membId: this is the same as the membId that was submitted (In V5 this is the Password but in newer apps this is the Username)
  + firstName
  + lastName
  + email
  + guid
  + firstVisit
  + lastVisit
  + noVisits
* Next will be an array of courses (programs) take plus the status (completed, etc)
  + progId: ie P1234FR
  + progNo: ie 12345 (internal value)
  + progTitle: ie WHMIS for Workers
  + progStatus: ie completed / not started / not completed

Returns one JSON string for member data and another for the program data:  
  
{  
'member': {'isParent':'True', 'membId':'UNIQUEVALUE', 'firstName':'Joseph', 'lastName':'Blow', 'email':'jblow@email.com', 'guid':'c19ac0a1-2d6a-404c-8af4-3a82b3a50341', 'firstVisit':'3/24/2014 12:00:00 AM', 'lastVisit':'8/20/2018 2:39:00 PM', 'noVisits':'461'},   
'programs': [{'progId':'P1687EN','progNo':'2814', 'progTitle': 'WHMIS for Workers','progStatus':'not started'},{'progId':'P1324EN','progNo':'693', 'progTitle': 'WHMIS for Workers', 'progStatus':'not started'}]  
}

Finally, an important note: when you parse the returned JSON (above) look for particular values in the string, ie progTitle, etc. This way if we decide to add in new values in the JSON string it will not hurt your code. IE do NOT look for the nth value of the string as that could change.