

LearningServer Hierarchy Web Services version 2.5

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getHierarchy

Returns a Data Table containing a list of Hierarchies

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
NodeID	0 will be returned as “root”
ParentID	0 will be returned as “root”
NodeHTML	The name of the Hierarchy
NodeLevel	Integer that determines the position of the Node

getSupervisorHierarchy

Returns a Data Table containing a list of Hierarchies of a specific Supervisor

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID
RegistrarID	Integer	Y	Users.UserID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
NodeID	0 will be returned as “root”

ParentID	0 will be returned as "root"
NodeHTML	The name of the Hierarchy
NodeLevel	Integer that determines the position of the Node

createHierarchyNode

Insert a new node into the Hierarchy. Returns the ID of the newly created node

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID
Name	String	Y	Hierarchy.Name
ParentID	Integer	Y	Hierarchy.ParentID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
<i>String</i>	ID of the newly created Hierarchy Node
-1	Process Failed

deleteHierarchyNode

Deletes a Hierarchy Level and all its Sub-Levels. Return a String.

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
HierarchyID	integer	Y	Hierarchy.HierarchyID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
0	Success
-1	Process Failed
-19	There are users in the Hierarchy. Will not delete.

updateHierarchyNodeName

Updates the name of a Hierarchy level

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID
NodeID	Integer	Y	Hierarchy.HierarchyID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
0	Success
-1	Process Failed
-20	Duplicate Hierarchy Name exists within the same Hierarchy

updateNodePosition

Updates the position of a Hierarchy Node. (Assigns a new ParentID)

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID

NodeID	Integer	Y	Hierarchy.HierarchyID
NewParentID	Integer	Y	Hierarchy.ParentID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
0	Success
-1	Process Failed
-21	Cannot move Hierarchy Node. Name already exists.
-22	Hierarchy ParentID does not exist

nodeExists

Checks if a Name already exists within a specified ParentID

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
ParentID	integer	Y	Hierarchy.ParentID
Name	String	Y	Hierarchy.Name

Output Parameters

Field	Description
-201	Access denied due to invalid credentials
1	The name does exist within the given ParentID
0	The name does Not exist within the given ParentID

getUserCount

Returns the number of users assigned to a Hierarchy level

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
NodeID	integer	Y	Hierarchy.HierarchyID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials
<i>Integer</i>	Number of users assigned to a Hierarchy Level

getUnassignedSupervisors

Returns a datable of Supervisors not assigned to a Hierarchy

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials
StudentID	Users.UserID
Identification	Users.EmployeeID
StudentName	Users.FirstName Users.LastName
Email	Users.Email
GUID	Users.GUID (Used for Active Directory identification)
DateAdded	Users.CreateDate
Role0	Users.Role0 (0 = False, 1 = True) : Administrator
Role1	Users.Role1 (0 = False, 1 = True) : Instructor
Role2	Users.Role2 (0 = False, 1 = True) : Learner

Role3	Users.Role3 0 = Not a Supervisor
Active	Users.Active
Name	Blank
HierarchyID	Hierarchy.HierarchyID

getUnassignedLearners

Returns a datable of Learners not assigned to a Hierarchy

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials
StudentID	Users.UserID
Identification	Users.EmployeeID
StudentName	Users.FirstName Users.LastName
Email	Users.Email
GUID	Users.GUID (Used for Active Directory identification)
DateAdded	Users.CreateDate
Role0	Users.Role0 (0 = False, 1 = True) : Administrator
Role1	Users.Role1 (0 = False, 1 = True) : Instructor
Role2	Users.Role2 (0 = False, 1 = True) : Learner
Role3	Users.Role3 0 = Not a Supervisor
Active	Users.Active
Name	Blank
HierarchyID	Hierarchy.HierarchyID

getUnassignedSupervisorsAndLearners

Returns a datable of Supervisors and Learners not assigned to a Hierarchy

Input Parameters

Field	Data type	Required	Description
WSPassword	String	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	Integer	Y	Organizations.OrgID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials
StudentID	Users.UserID
Identification	Users.EmployeeID
StudentName	Users.FirstName Users.LastName
Email	Users.Email
GUID	Users.GUID (Used for Active Directory identification)
DateAdded	Users.CreateDate
Role0	Users.Role0 (0 = False, 1 = True) : Administrator
Role1	Users.Role1 (0 = False, 1 = True) : Instructor
Role2	Users.Role2 (0 = False, 1 = True) : Learner
Role3	Users.Role3 0 = Not a Supervisor
Active	Users.Active
Name	Blank
HierarchyID	Hierarchy.HierarchyID

getAvailableUsersForEnrollment

Returns a datable of containing a list of learners from a particular Hierarchy who can be enrolled into a course.

Input Parameters

Field	Data type	Required	Description
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WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID
CourseID	Integer	Y	Courses.CourseID
HierarchyID	Integer	Y	Hierarchy.HierarchyID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
StudentID	Users.UserID
StudentName	Users.FirstName Users.LastName –or- Users.LastName, Users.FirstName

getAvailableUsersForSupervisorEnrollment

Returns a datable of containing a list of learners from a particular Supervisors Hierarchy who can be enrolled into a course

Input Parameters

Field	Data type	Required	Description
WSPassword	string	Y	The password that is stored in the web.config file of the application. Failure to provide a valid password results in an access denied response from the web service.
OrgID	integer	Y	Organizations.OrgID
CourseID	Integer	Y	Courses.CourseID
HierarchyID	Integer	Y	Hierarchy.HierarchyID
UserID	Integer	Y	Users.UserID

Output Parameters

Field	Description
-201	Access denied due to invalid credentials –or -
StudentID	Users.UserID
StudentName	Users.FirstName Users.LastName –or- Users.LastName, Users.FirstName