

Using PeopleUpdate to Manage Groups

Web Active Directory's PeopleUpdate solution provides you the capability to manage a number of attributes about Active Directory objects, including user information, group membership and even computer, printer and network share data. This paper focuses on how to set up group management in PeopleUpdate as of release v3.4.

Overview

PeopleUpdate manages group membership in two ways: from the user account perspective by adding a user to and from groups or from the group perspective by adding users to and from the group. This paper shows you how to set up both scenarios.

Setting Up Group Management for Users

You can allow your users to manage their own group memberships or you can delegate group membership management for users to specific groups in your organization. To enable group management for users, you must apply an appropriate access control list (ACL) to the Group Membership (memberOf) attribute on PeopleUpdate's Attributes management page in the Admin Console. The ACL you set depends on whether you are delegating group management privileges to end-users (SELF) or to another group.

Note: Most organizations will not choose to delegate group membership management for users to the end-users themselves because there are no restrictions in PeopleUpdate on which groups the users can delete from their account record. This operation typically is delegated to another group (via an ACL) that is in charge of managing the group memberships for a set of users.

To set up group management for users

1. Open the PeopleUpdate Admin Console.
2. Create an ACL on the Security page that includes the group(s) from your Active Directory to whom you'd like to delegate management of user groups. You may also choose to use the SELF Edit or Manager and Self Edit for this purpose.

The screenshot displays two sections of the PeopleUpdate Admin Console. The top section, 'Group Configuration', includes a text input for 'Group Name' and a note: 'Note: Set the group name using the format DOMAIN\GroupName.' Below this is a table with one row: 'Everyone' with an 'Edit' link and a red 'X' icon. The bottom section, 'Access Control List Configuration: Attribute Editing', includes a text input for 'Access Control List Name' and another table with four rows. The first row is 'Everyone Edit' with 'Everyone' in the 'Groups' column, an 'Edit' link, and a red 'X'. The second row is 'Manager & Self Edit' with 'MANAGER' and 'SELF' in the 'Groups' column, an 'Edit' link, and a red 'X'. The third row is 'Manager Edit' with 'MANAGER' in the 'Groups' column, an 'Edit' link, and a red 'X'. The fourth row is 'SELF Edit' with 'SELF' in the 'Groups' column, an 'Edit' link, and a red 'X'.

Group Name			
Everyone		Edit	X

ACL Name	Groups		
Everyone Edit	Everyone	Edit	X
Manager & Self Edit	MANAGER	Edit	X
	SELF		
Manager Edit	MANAGER	Edit	X
SELF Edit	SELF	Edit	X

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3. Navigate to the Attributes page for the tab on which you want to enable users to manage groups.
4. Set the ACL for the Group Membership attribute to the one that allows the appropriate users to manage groups.

Group Membership

memberOf

Alias: Group Membership

LDAP Name: memberOf

Deny Wildcarding:

Store by DN:

Access Control List: SELF Edit

Note: The Display Text value specifies the text that shows for a list item in the Search Console on search and edit pages.

The Search Filter overrides the Display Text value when searching and sets the value actually used in a search. Note that you need to use the "ldap:" text before your search filter to override the default search filter constructed by the application. For example, you can set the Display Text to show "HR" while setting the Search Filter to the LDAP search filter of "ldap:((department=Human Resources))(department=HR)(department=H.R.)" and this will cause the search operation to actually compose a search that uses the "((department=Human Resources)(department=HR)(department=H.R.))" search filter value to find matching results. This feature allows you to display one value in the list while searching for multiple values using an LDAP search filter. The Search Console uses the Display Text value for searching if the Search Filter is blank.

Directory update operations ignore both the Display Text and the Search Filter and use the Stored Value to update the value for the attribute in Active Directory. For example, setting the Stored Value to "Human Resources" will cause the data value to be updated to "Human Resources" in Active Directory. If the Stored Value is blank, the Active Directory value is updated to the Display Text value.

Display Text	Search Filter	Stored Value	Selected
			Add Item

List Preview:

Enable Input Mask:

Input Mask:

5. Save the changes to the attribute
6. Navigate to the Edit Page Layout for the task item where you will allow group management.
7. Ensure the page layout includes the Group Membership attribute on the display so that authorized users may edit groups for users.

Row 14

Employee ID

Row 15

Group Membersh

8. Test the changes by going to the edit page on the task item and ensuring that you can delete existing groups for a user as well as add new groups using the group search window.

Note: You can restrict the groups available for adding by changing the LDAP Bind Path and LDAP Filter for the Group Summary Page layout template on the Page Layout Templates Global Configuration page of the Administration Console. This will restrict the results that show up in the group search results window. Use a search filter like "(objectCategory=group)" and add any other restrictions you need.

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Setting Up User Management for Groups

In addition to managing group membership from the user side, you can manage group members from the group itself. To set this up, you should create a tab that searches groups in the Summary Results page and then you can use the Members (member) attribute to change group members by removing existing members and searching for new members to add.

To set up user management for groups

1. Open the PeopleUpdate Admin Console.
2. Create an ACL on the Security page that includes the group(s) from your Active Directory to whom you'd like to delegate management of groups.

Group Configuration

Group Name:

Note: Set the group name using the format *DOMAIN\GroupName*.

Group Name		
Everyone	Edit	X

Access Control List Configuration: Attribute Editing

Access Control List Name:

ACL Name	Groups		
Everyone Edit	Everyone	Edit	X
Manager & Self Edit	MANAGER	Edit	X
	SELF		
Manager Edit	MANAGER	Edit	X
SELF Edit	SELF	Edit	X

3. Create a new tab or use an existing one that searches for groups. You will need to set up the search LDAP Bind Path and Default Search Filter in the Directory page to search for groups instead of users. You might look at the Group Reports tab configuration as a model and you can even add a group management task item on this tab.

Note: You do not need to set either the LDAP Group Bind Path or Group Search Filter on the Directory page.

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LDAP Information

LDAP Bind Path:

LDAP Group Bind Path:

Search Parameters

Maximum Number Results:

Note: Enter zero (0) to return all results up to the directory's default s

Search Time Limit: (in milliseconds)

Note: Enter -1 to use the LDAP server-determined default timeout. Re

Search Page Size:

Note: Enter 0 to turn off paged searches and only return the number c
on paged searches. Paged searching allows you to return all matchin

Search Page Time Limit: (in seconds)

Note: Enter -1 to search indefinitely with no time limit. Enter a value

Default Search Filter:

Group Search Filter:

Allow Empty Searches:

4. Navigate to the Attributes page for the tab on which you want to enable group management.
5. Set the ACL for the Members attribute to the one that allows the appropriate users to manage groups.

Manager	manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Members	member	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Alias:

LDAP Name:

Deny Wildcarding:

Store by DN:

Access Control List:

Note: The **Display Text** value specifies the text that shows for a list item in the Search Console o

The **Search Filter** overrides the Display Text value when searching and sets the value actually us
to use the "Iden" text before your search filter to override the default search filter constructed

6. Save the changes to the attribute
7. Navigate to the Edit Page Layout for the task item where you will allow group management.
8. Ensure the page layout includes the Members attribute on the display so that authorized users may

Page Layout Editor

Rows: 1

Columns: 1

Available Attributes

Row 1

Column 1	<input type="text" value="Members"/>
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edit it.

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9. Test the changes by going to the edit page on the task item and ensuring that you can delete existing users for a group as well as add new users using the group search window.

Note: You can restrict the users available for adding to a group by changing the LDAP Bind Path and LDAP Filter for the User Summary Page layout template on the Page Layout Templates Global Configuration page of the Administration Console. This will restrict the results that show up in the user search results window. Use a search filter like “(objectCategory=person)” and add any other restrictions you need.