



Quickstart guide to importing Users and Groups using LDAP

Introduction

Within WebTitan, users, groups and their relationships can either be created manually or imported from an LDAP server. The following should be considered when doing an LDAP importation.

- LDAP users and groups and their relationships should be managed on the LDAP server side prior to importation.

i.e. When opting to import users/groups from LDAP, it is recommended that all users are already in the correct groups prior to importation and that the names of users and groups are correct.

LDAP user/group importation

To import users and groups in WebTitan, navigate to the Users & Groups > Users tab which appears as follows.

The screenshot shows the WebTitan web interface. At the top left is the WebTitan logo. At the top right, it displays 'Logged In: admin | Dashboard | Logout', 'Version: 1.11', and 'License: WTP-1-0050-606730'. Below this is a navigation menu with tabs for 'System Setup', 'Users & Groups', 'Policies', 'Filtering', 'Updates', 'Settings', 'Reporting', 'Logs', and 'Support'. Under 'Users & Groups', there are sub-tabs for 'Users' and 'Groups'. The main content area is divided into two sections: 'LDAP servers for user/group import' and 'Users'. Both sections show a table with columns for 'Server', 'Base Entry (DN)', 'Last Import', and 'Options'. The 'LDAP servers' table is currently empty, showing 'No records found.' and has buttons for 'Import Users' and 'Add...'. The 'Users' section has a 'Page:' label, 'Entries per page:' dropdown set to '5', and also shows 'No records found.' with an 'Add...' button.

Click the 'Add' button under 'LDAP servers for user/group import'. You will then be prompted to input the details of your LDAP server. The following two screen shots provide sample entries.

Please note that your password should not contain the '\$' character

Sample Entry 1

The screenshot shows a dialog box titled "Edit LDAP Server" with a close button (X) in the top right corner. The dialog contains the following fields and options:

- Enabled:** ON (with a "Disable" button to the right)
- LDAP server:** 10.0.0.150
- Base entry (DN):** dc=rainbox,dc=net
- Server login user:** cn=admin,dc=rainbox,dc=net
- Server login password:** [masked with dots]
- Active Directory server:**
- Disable group imports:**
- Enable periodic import:**
- Import frequency:** 24 hours (dropdown menu)

At the bottom right, there are "Save" and "Cancel" buttons.

Sample Entry 2

The screenshot shows a dialog box titled "Edit LDAP Server" with a close button (X) in the top right corner. The dialog contains the following fields and options:

- LDAP server:** 10.0.0.241
- Base entry (DN):** dc=DANIELX,dc=net
- Server login user:** administrator@danielx.net
- Server login password:** [masked with dots]
- Active Directory server:**
- Disable group imports:**
- Enable periodic import:**
- Import frequency:** 24 hours (dropdown menu)

At the bottom right, there are "Save" and "Cancel" buttons.

Note that the following options are available when configuring the LDAP server settings which are as follows

- Is it an Active Directory server
- Disable group imports. i.e. Just import the users.
- Enable periodic imports. i.e. Update WebTitan periodically with any LDAP changes made.

When importing, you can use more specific Base entries (DN). E.g.

- Import everything: dc=DANIELX,dc=net
- Just import a specific user: cn=joe smith,cn=users,dc=DANIELX,dc=net
- Import an organizational unit: ou=test_org_unit,dc=DANIELX,dc=net

When the server settings are saved, they are then authenticated automatically. Upon successful authentication, the server will then be available for importation of users and groups. To import the LDAP server users/groups, select the checkbox beside it and click the 'Import Users' button. Upon successful importation a screen similar to below will be seen with the users and/or groups available under the 'Users' section of the same tab.

Note that the users imported are automatically assigned to their associated LDAP server group if they have been selected for importation also. Also note that any imported groups are automatically assigned to the 'Default' policy.

The screenshot shows two panels from a web interface. The top panel, titled "LDAP servers for user/group import", displays a table with one server entry. A green message box below the table indicates "User import done." and there are "Import Users" and "Add..." buttons. The bottom panel, titled "Users", shows a list of imported users and their associated groups. The table has columns for "User", "Groups", and "Options".

Server	Base Entry (DN)	Last Import	Options
<input checked="" type="checkbox"/> 10.0.0.154	dc=rainbowx,dc=net	2009-11-05 16:32:57	

Showing 1 - 1 of 1 items

Import Users Add...

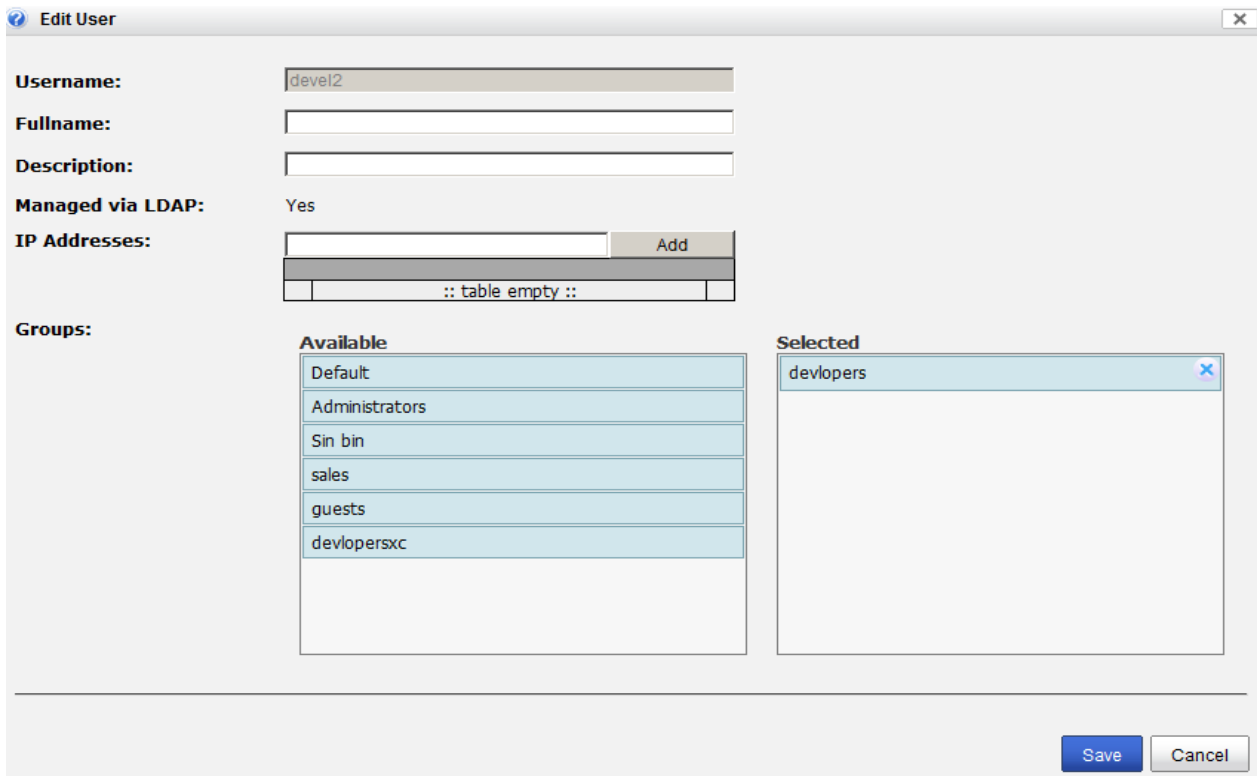
Users

Page: 1 2 3 Entries per page: 5 Showing 1 - 5 of 11 items

User	Groups	Options
daniel		
Demo Test	sales, guests	
devel2	developers	
ronank	sales	
ghunt	sales	

Add...

By selecting the edit button for a user, it can be seen whether the user was created manually or imported from LDAP. e.g. In the screen shot below, it can be seen that the user 'devel2' was imported from LDAP by looking at the 'Managed via LDAP' field entry.

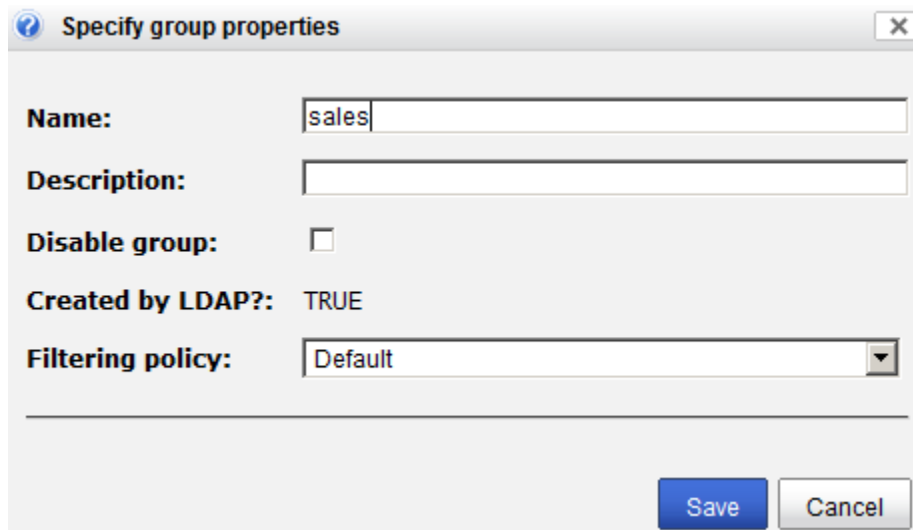


The screenshot shows the 'Edit User' dialog box with the following fields and values:

- Username:** devel2
- Fullname:** (empty)
- Description:** (empty)
- Managed via LDAP:** Yes
- IP Addresses:** (empty table with an 'Add' button)
- Groups:**
 - Available:** Default, Administrators, Sin bin, sales, guests, developersxc
 - Selected:** developers

Buttons: Save, Cancel

Similarly, by looking at the properties of a group, it can be determined if the group was imported from LDAP. e.g. In the screen shot below, the field 'Created by LDAP?' is marked as 'TRUE'.



The screenshot shows the 'Specify group properties' dialog box with the following fields and values:

- Name:** sales
- Description:** (empty)
- Disable group:**
- Created by LDAP?:** TRUE
- Filtering policy:** Default

Buttons: Save, Cancel

LDAP issues

If you are having issues connecting to your LDAP server, you can test further by downloading the free Softerra LDAP server at <http://www.softerra.com/products.htm>. This is a free product for all types of usage including commercial. You can then test connecting to the Softerra product which will help determine whether your initial LDAP settings were correct or if it was an external issue.

The following error codes returned by WebTitan when validation of the LDAP settings fail could be of use.

Error Code	Explanation
-1	Server couldn't be reached or port 389 was not open.
-2	LDAP bind error.
-3	Couldn't perform the search.
-4	Possible username/password error.
-99	There's no such server id.

Rules to remember about LDAP user/group importation

- You cannot change the names of LDAP imported users or groups.
- If you delete the LDAP server from WebTitan, all users and groups associated with that server will be automatically deleted.
- Users/Groups reimported from an LDAP server by either manually reimporting them or through a periodic import will overwrite all changes made to the existing users/groups imported.