

LDAP - Active Directory Integration

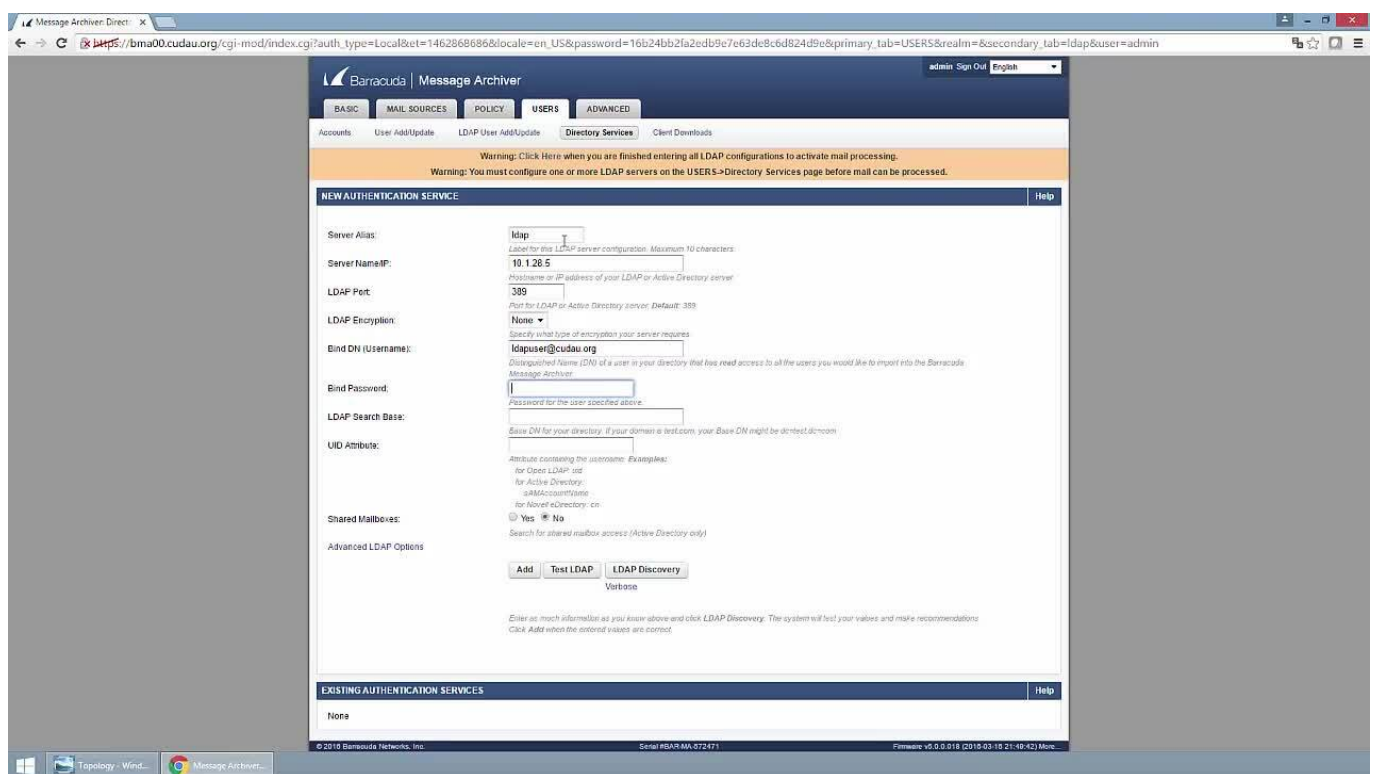
<https://campus.barracuda.com/doc/41110077/>

This article refers to Barracuda Message Archiver firmware version 5.1 or higher.

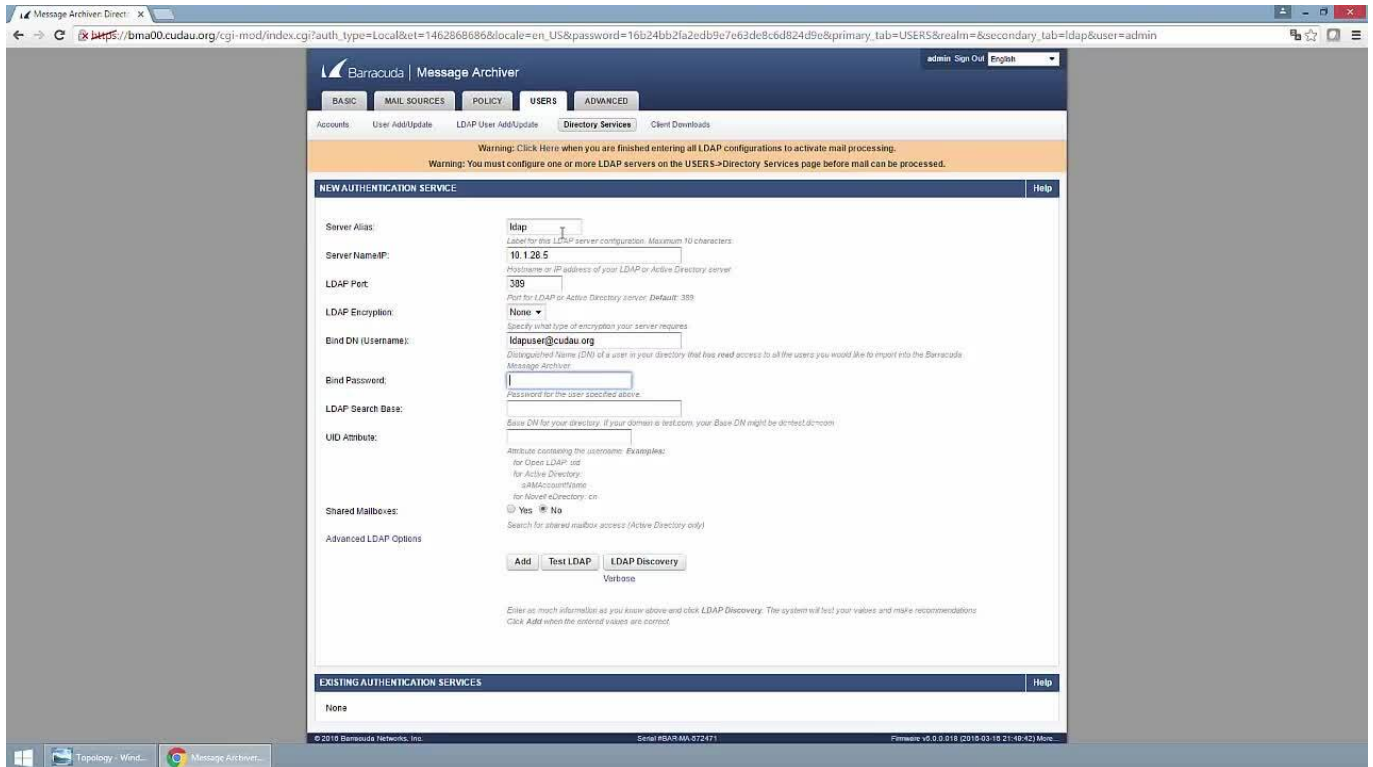
The Barracuda Message Archiver authenticates individual users and user group membership based on authentication services you define on the **USERS > Directory Services** page.

LDAP Configuration Video

Sample LDAP server configuration:



The screenshot displays the Barracuda Message Archiver web interface. The top navigation bar includes tabs for BASIC, MAIL SOURCES, POLICY, USERS, and ADVANCED. The 'USERS' tab is selected, and the 'Directory Services' sub-tab is active. A warning message states: 'Warning: Click Here when you are finished entering all LDAP configurations to activate mail processing. Warning: You must configure one or more LDAP servers on the USERS > Directory Services page before mail can be processed.' The main section is titled 'NEW AUTHENTICATION SERVICE'. It contains several input fields: 'Server Alias' (set to 'ldap'), 'Server Name/IP' (set to '10.1.28.5'), 'LDAP Port' (set to '389'), 'LDAP Encryption' (set to 'None'), 'Bind DN (Username)' (set to 'ldapuser@csdau.org'), 'Bind Password' (empty), 'LDAP Search Base' (empty), and 'UID Attribute' (empty). There are also checkboxes for 'Shared Mailboxes' (set to 'Yes') and 'Advanced LDAP Options' (set to 'Add'). At the bottom, there is a section for 'EXISTING AUTHENTICATION SERVICES' which is currently empty. The footer of the interface shows the copyright information: '© 2019 Barracuda Networks, Inc. Serial#BAR-MA-072471 Firmware v5.0.0.018 (2019-03-15 21:40:42) More'.



Videolink:

<https://campus.barracuda.com/>

Configure LDAP

To configure the Barracuda Message Archiver to use your LDAP server for authentication, enter the following details:

- **Server Alias** – A short name or alias to the LDAP server; used only on the Barracuda Message Archiver to identify this LDAP Server.
- **Server Name/IP** – The IP address or hostname of your LDAP or Active Directory server.
- **LDAP Port** – The port used by your LDAP or Active Directory server. Use port 636. For more information, see [New Requirements for LDAP Authentication](#).
- **LDAP Encryption** – The type of encryption used by your LDAP or Active Directory server. The default value is **SSL**.
- **Verify LDAP Certificate** – Verify the LDAP server certificate prior to sending bind request. If set to **Yes**, you need to upload a CA signed certificate. For help, contact [Barracuda Networks Technical Support](#).
- **Bind DN (Username)** – The distinguished name (DN) of a user in your LDAP directory that has read access to all the users in LDAP.
- **Bind Password** – The password for the user you specified in the Bind DN field.

- **LDAP Search Base** – The base distinguished name (DN) for the directory. For example, if your domain is test.com, your base DN might be dc=test,dc=com.
- **UID Attribute** – The attribute that contains the user's ID. For Active Directory, it is recommended that you use *sAMAccountName*. For OpenLDAP, it is recommended that you use *uid*.
- **Shared Mailboxes** – Specify whether to search for shared mailbox access in your Active Directory server. When enabled, once a user performs a search on the **BASIC > Users** page, the **User Select** drop-down menu displays all mail for that user regardless of whether a domain and Saved Search filter has been applied to that user. Information from Folder Sync (Exchange Integration) tasks are used to determine shared mailboxes users have access to. For shared mailbox information to stay up-to-date, configure a nightly [Folder Sync](#).

Edit LDAP		Help
Server Alias:	<input type="text" value="LDAP"/>	<small>Label for this LDAP server configuration. Maximum 10 characters.</small>
Server Name/IP:	<input type="text" value="XX.XX.XX.XXX"/>	<small>Hostname or IP address of your LDAP or Active Directory server.</small>
LDAP Port:	<input type="text" value="389"/>	<small>Port for LDAP or Active Directory server. Default: 389</small>
LDAP Encryption:	<input type="text" value="TLS"/>	<small>Specify what type of encryption your server requires.</small>
Verify LDAP Certificate:	<input type="text" value="Yes"/>	<small>Verifies the LDAP server certificate prior to sending bind credentials. Recommended: Yes</small>
Bind DN (Username):	<input type="text" value="CN=Administrator,CN=Users,DC=€"/>	<small>Distinguished Name (DN) of a user in your directory that has read access to all the users you would like to import into the Barracuda Message Archiver.</small>
Bind Password:	<input type="password" value="....."/>	<small>Password for the user specified above.</small>
LDAP Search Base:	<input type="text" value="DC=extcudabl,DC=com"/>	<small>Base DN for your directory. If your domain is test.com, your Base DN might be dc=test,dc=com.</small>
UID Attribute:	<input type="text" value="sAMAccountName"/>	<small>Attribute containing the username. Examples: for Open LDAP: uid for Active Directory: sAMAccountName for Novell eDirectory: cn</small>
Shared Mailboxes:	<input checked="" type="radio"/> Yes <input type="radio"/> No <small>Search for shared mailbox access (Active Directory only)</small>	
Advanced LDAP Options		
<div><input type="button" value="Test LDAP"/> <input type="button" value="LDAP Discovery"/></div> <p style="text-align: center;">Verbose</p>		
<small>Enter as much information as you know above and click LDAP Discovery. The system will test your values and make recommendations. Click Add when the entered values are correct.</small>		

Advanced LDAP Options

You can optionally add advanced LDAP filters. Entered values must match any users you want to archive mail for.

- **Additional Filter** - Used for searching the LDAP server for additional matching entries. Enter the filter the format described by RFC 2254.
For example, to match users only:
Active Directory: `objectClass=user`
Novell eDirectory: `objectClass=inetOrgPerson`
Open LDAP: `objectClass=posixAccount`
- **Member Groups Attribute** - The LDAP attribute used to identify the groups to which an entry belongs. For example:
Active Directory (recommended): `memberOf`
Novell eDirectory (recommended): `groupMembership`
- **Group Members Attribute** - The LDAP attribute used to identify the members of a group. The Group Members attribute is used to ensure that users can find mail sent to groups to which they belong. For example:
Active Directory: `member`
Novell eDirectory: `member`

Once you set up LDAP you can use [Exchange Integration](#) to set up a specific group to archive.

Figures

3. editLDAP.png

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