Understanding Directory Integration

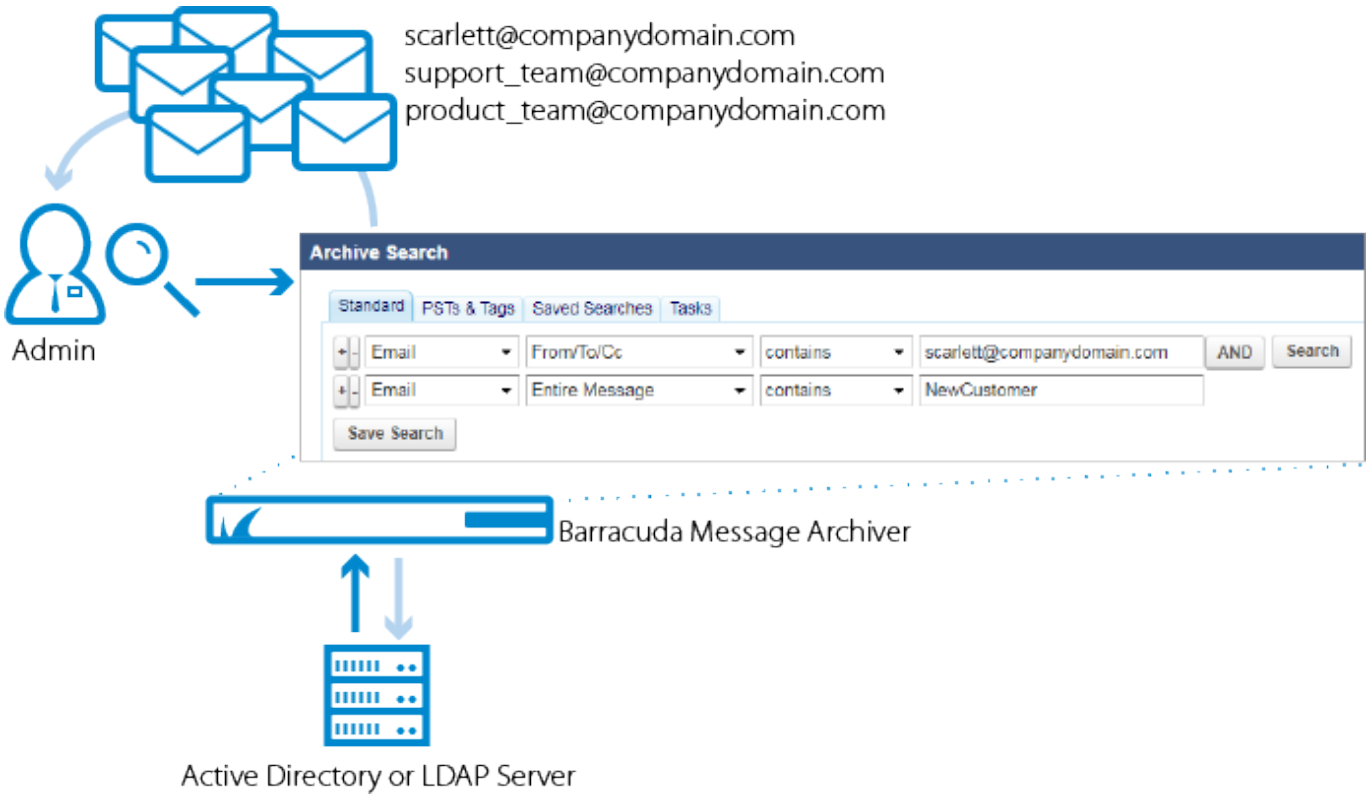
https://campus.barracuda.com/doc/73695824/

Configure the Barracuda Message Archiver to use your LDAP server to authenticate individual users and verify user group membership on the **USERS > Directory Services** page. Once you enter the server details, click **Test LDAP** to test the entered settings. If you are unsure of any of the settings, enter the server name and IP address, and use the **LDAP Discovery** option to display recommended settings. Once configured, users can log in to the Barracuda Message Archiver using their LDAP/Active Directory (AD) credentials and search their archived messages. By default, users are granted access once directory services are configured.

Through the authentication service defined on the **Directory Services** page, the Barracuda Message Archiver can determine which users have access to messages that have been sent to a list. This allows administrators and auditors to search on a user and have the search results return all messages to which a user has access.

For example, the administrator wants to return all messages for Scarlett related to the customer NewCustomer. Because Scarlett is a member of the support_team and product_team groups, the results return all messages for **scarlett@companydomain.com**, **support_team@companydomain.com**, and **product_team@companydomain.com**, as illustrated in figure 1.

Figure 1. Group Membership.



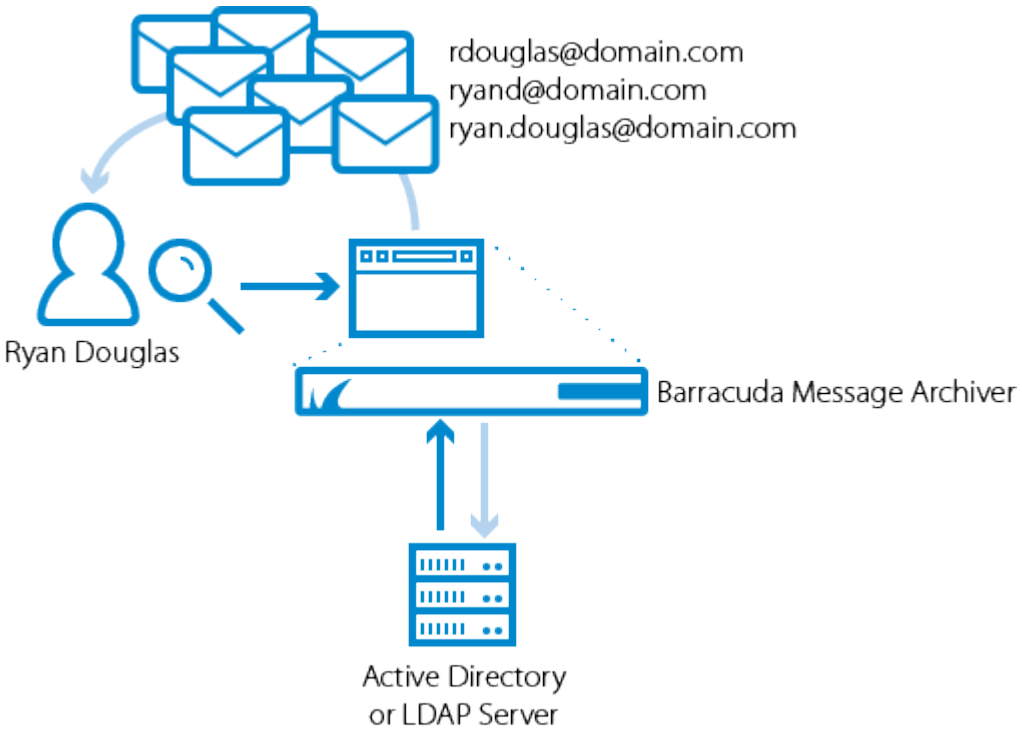
LDAP Accounts

Associated an LDAP user or LDAP group to a Barracuda Message Archiver role and list of email addresses on the **USERS > LDAP User Add/Update** page.

Email Aliases

LDAP users often have one primary email address that is their user account name along with several aliases for convenience. For example, **rdouglas@domain.com** also receives messages as **ryand@domain.com** and **ryan.douglas@domain.com**. For organizations that use LDAP, messages sent to any alias are accessible from the primary user account.

Figure 2. User aliases.



You can enter an LDAP group name in the **LDAP User/Group** field on the **USERS > LDAP User Add/Update** page and select a role for that group. When a member of that group logs in to the Barracuda Message Archiver, they log in with the assigned role.

Include/Exclude Rules

You can define exclude/include rules on the **USERS > LDAP User Add/Update** page to set permissions on whose mail the LDAP user or group members can view. The addresses must belong to a user, group, or public folder on a configured LDAP server. When a configured user runs a search, the following rules are in place:

1. Mail for addresses added to the **Exclude these Addresses** list are not displayed unless the mail includes the user performing the search to assure that a user can always see their own mail.
2. The **Exclude these Addresses** list always takes precedence; addresses added to the **Include these Addresses** list are searchable *unless* the **Exclude these Addresses** list blocks the mail.
3. Because a user with the Admin or Auditor role can by default view all mail, users set to these roles can only edit their **Exclude these Addresses** list.
4. If a user is *not configured* and is a member of a group, then the include/exclude rules assigned to that group apply to that user. Additionally, if the unconfigured user is a member of multiple groups, then the privileges for all of those groups are merged and that user is assigned the *least privileged role* of those groups. This allows the Admin to apply include/exclude rules to

all users of a distribution group.
    - Example 1: If Zoe is not individually configured but is a member of the distribution group HR, then the Admin can set the include/exclude rules for the group HR, and Zoe uses these settings when searching mail rather than seeing only her own mail.
    - Example 2: If Josh is not individually configured but is a member of the distribution group HR which has an Auditor role, and Josh is also a member of the group Employees which has a User role, Josh has only the User role privileges when running a search.
5. A user cannot run a **Search As User** Search on the **BASIC > Search** page on a user that is on their **Exclude these Addresses Exclusion Rules** blocklist.

Figures