



# Auto-Assign Groups By Email Rules (SSO Edition)

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You might want to automatically assign reader groups based on a readers' email address. For example, we might want to assign all readers with "@knowledgeowl.com" email addresses to a special Owls Only reader group.

If we're using SSO, we can do this using [Custom attribute map rules](#) in **Security and access > Single sign-on > SAML attribute map** tab.



## Only use this with SSO

There's also an option under **Account > Readers > Groups** to [Auto-Assign Groups By Email Rules](#). That setting doesn't work with SSO reader accounts. If you're using SSO, follow the instructions below!

## Before you begin

Before you can make these changes, you'll need to meet these prerequisites:

- SSO is set up and working
- Email address is being passed over
- IdP attribute name for the email address field

## Create your custom attribute map rule

To set up a [Custom attribute map rule](#) to automatically assign readers to groups based on an email address:

1. Go to **Security and access > Single sign-on**.
2. Select the **SAML Attribute Map** tab.
3. Copy the IdP attribute name for **Username / email** under **SAML attribute map**.
  - If you don't have an email address in **Username / Email**, go to the **SAML settings** tab and check the box to **Enable debug mode to troubleshoot issues**, **Save**, and try logging in. Debug mode will show you the IdP attribute names and values being passed over from your IdP.
4. Scroll down to **Custom attribute map rules**.
5. Select **+ Create New Rule**. The **Create Advanced SAML Map Rule** modal opens for you to define the rule.

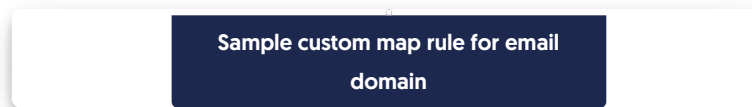
6. Enter the **IdP attribute name** that includes the email address.
7. In the **IdP attribute value matching type** section, select **Regex pattern**.
8. Copy the code below and paste it into the **IdP value regex pattern**:

```
.*\@knowledgeowl([\.]*)com
```

9. Replace **knowledgeowl** with your email domain (and **com** with your domain ending, if it's not a **.com**!). So, for example, if our email domain was **owlmazing.net**, we would use:

```
.*\@owlmazing([\.]*)net
```

10. Select **Reader Groups** from the **Reader attribute** dropdown.
11. Start typing to select the reader group(s) to which you want to assign any SSO readers with matching email addresses. Your configuration should look something like this:



12. Once you've finished adding groups and verified that all information is correct, select **Create Rule**.
13. Now any readers who log in with matching email addresses should be automatically assigned to the selected reader group(s).