Test your LDAP configuration
**Test your LDAP configuration**

If you find that Splunk Enterprise is not able to connect to your LDAP server, try these troubleshooting steps:

1. **Check** `$SPLUNK_HOME/var/log/splunk/splunkd.log` for any authentication errors. Turn on DEBUG-level logging for AuthenticationManagerLDAP to get more information here. This can be done from the Splunk Web UI - Server Settings/Server Logging.

2. Remove any custom values you've added for `userBaseFilter` and `groupBaseFilter`.

3. In the *nix command line, you can use `ldapsearch` to confirm that the variables you are specifying will return the expected entries:

   ```bash
   ldapsearch -x ?h <ldap_host> ?p <ldap_port> ?D "bind_dn" -w "bind_passwd" -b "user_basedn" "userNameAttribute=*"
   
   ldapsearch -x ?h <ldap_host> ?p <ldap_port> ?D "bind_dn" -w "bind_passwd" ?b "group_basedn" "groupNameAttribute=*"
   ``

   If these commands return matching entries, then your backend LDAP system is properly configured. Continue to troubleshoot the Splunk LDAP strategy configuration.