

# Setting up single sign-on

Single sign-on (SSO) means that everyone in the domain can log on to Cameo Collaborator (Alfresco Community) without providing their credentials.

To set up SSO perform the following steps

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## Configuring Alfresco Community

1. Go to <Alfresco Community installation directory>\tomcat\shared\classes and open for edit the *alfresco-global.properties* file.
2. Copy the following text and paste it at the beginning of the file:

```
authentication.chain=passthru:passthru,ldap-ad1:ldap-ad,alfrescoNtlm1:alfrescoNtlm
ldap.authentication.active=false
ldap.authentication.userNameFormat=%s@domain.local
ldap.authentication.java.naming.provider.url=ldap://ADServer:389
ldap.synchronization.java.naming.security.principal=Administrator@domain.local
ldap.synchronization.java.naming.security.credentials=thepassword
ldap.synchronization.groupSearchBase=cn\=Users,dc\=domain,dc\=local
ldap.synchronization.userSearchBase=cn\=Users,dc\=domain,dc\=local
synchronization.import.cron=0 0 5 * * ?
ntlm.authentication.sso.enabled=true
passthru.authentication.defaultAdministratorUserNames=Administrator
passthru.authentication.useLocalServer=true
passthru.authentication.domain=
passthru.authentication.servers=
```

 Replace:

3. If Alfresco Community and Active Directory run on different servers, replace the last 3 lines with these:
  - *domain.local* with your domain name in lines 3 and 5.
  - *ADServer* with your Active Directory server name in line 4.

```
passthru.authentication.domain=domain.local
passthru.authentication.servers=domain.local \ADServer
passthru.authentication.credentials=Administrator
```

- *Administrator* with your domain administrator's name in line 5 and 11.
- *thepassword* with your domain administrator's password in line 6.

4. Save and close the file.
5. Re-start Alfresco Community.

## Configuring Alfresco repository

1. Go to <Alfresco Community installation directory>\tomcat\shared\classes\alfresco\web-extension and open for edit the *share-config-custom.xml* file.
2. Find the following line:

```
<config evaluator="string-compare" condition="Remote">
```

3. Replace the line with the following code block:

```

<config condition="Remote" evaluator="string-compare">
  <remote>
    <connector>
      <id>alfrescoCookie</id>
      <name>Alfresco Connector</name>
      <description>Connects to an Alfresco instance using cookie-based authentication<
/description>
      <class>org.alfresco.web.site.servlet.SlingshotAlfrescoConnector</class>
    </connector>
    <endpoint>
      <id>alfresco</id>
      <name>Alfresco - user access</name>
      <description>Access to Alfresco Repository WebScripts that require user
authentication</description>
      <connector-id>alfrescoCookie</connector-id>
      <endpoint-url>http://alfrescoserver.local:8080/alfresco/wcs</endpoint-url>
      <identity>user</identity>
      <external-auth>true</external-auth>
    </endpoint>
  </remote>
</config>

```

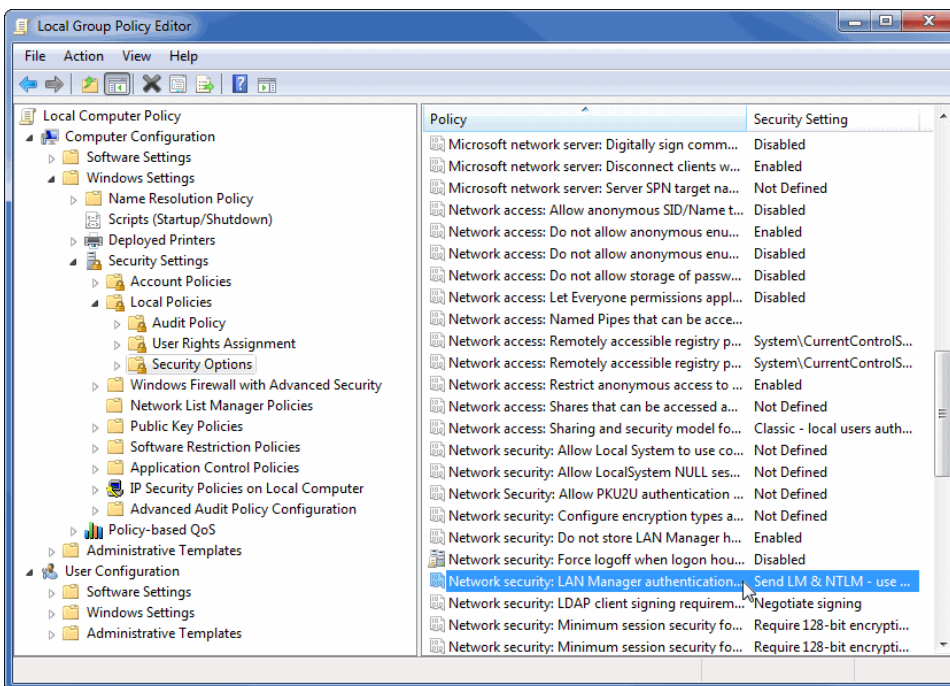
Replace *alfrescoserver.local* with your Cameo Collaborator server name in line 14.

4. Save and close the file.

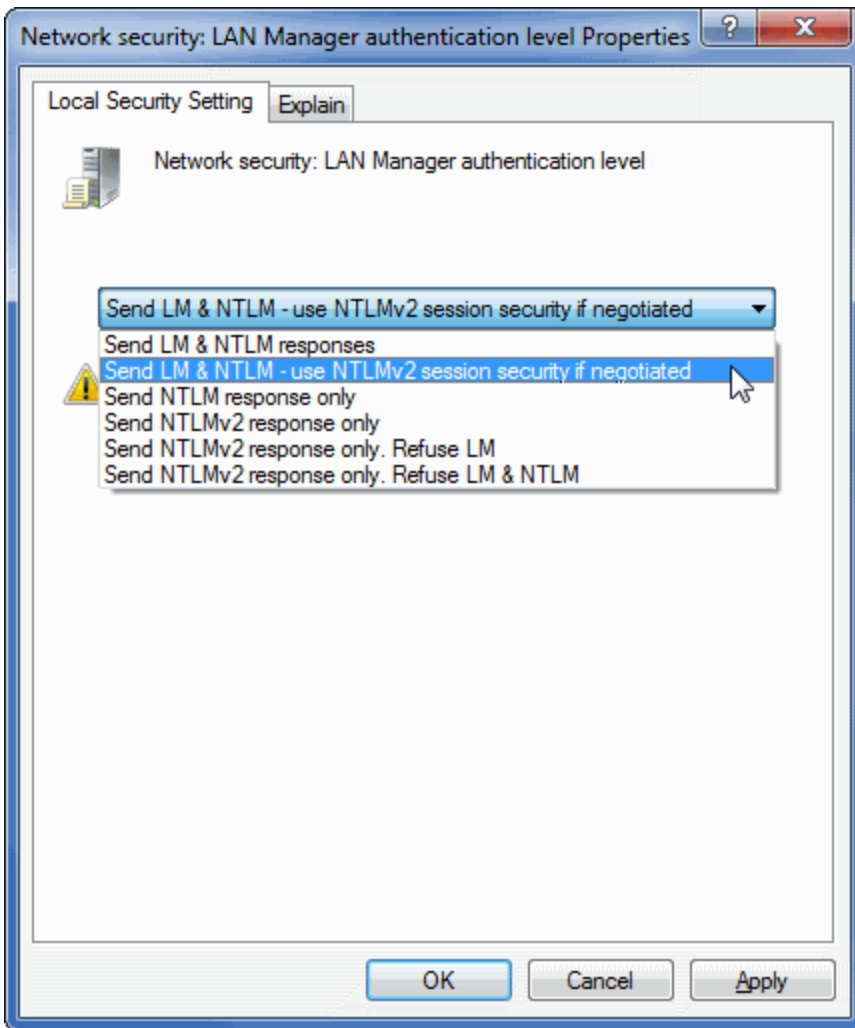
## Configuring the domain server

Configuring the domain server means modifying the security options of the domain local policies.

1. Log on as the domain administrator.
2. Press Windows Key + R and run *gpedit.msc*. The **Local Group Policy Editor** dialog opens.
3. On the left side of the open dialog, click **Local Computer Policy** > **Computer Configuration** > **Windows Settings** > **Security Settings** > **Local Policies** > **Security Options**. A list of security options appear on the right side of the dialog.



4. Double-click **Network Security: LAN Manager authentication level** and select **Send LM & NTLM - use NTLMv2 session security if negotiated** from the drop-down list in the open dialog.



5. Close both dialogs.

## Configuring the client computer

1. Log on as the local administrator.
2. Press Windows Key + R and run *gpedit.msc*. The **Local Group Policy Editor** dialog opens.
3. On the left side of the open dialog, click **Local Computer Policy > Computer Configuration > Windows Settings > Security Settings > Local Policies > Security Options**. A list of security options appear on the right side of the dialog.
4. Double-click **Network Security: LAN Manager authentication level** and select **Send LM & NTLM - use NTLMv2 session security if negotiated** from the drop-down list in the open dialog.
5. Close both dialogs.

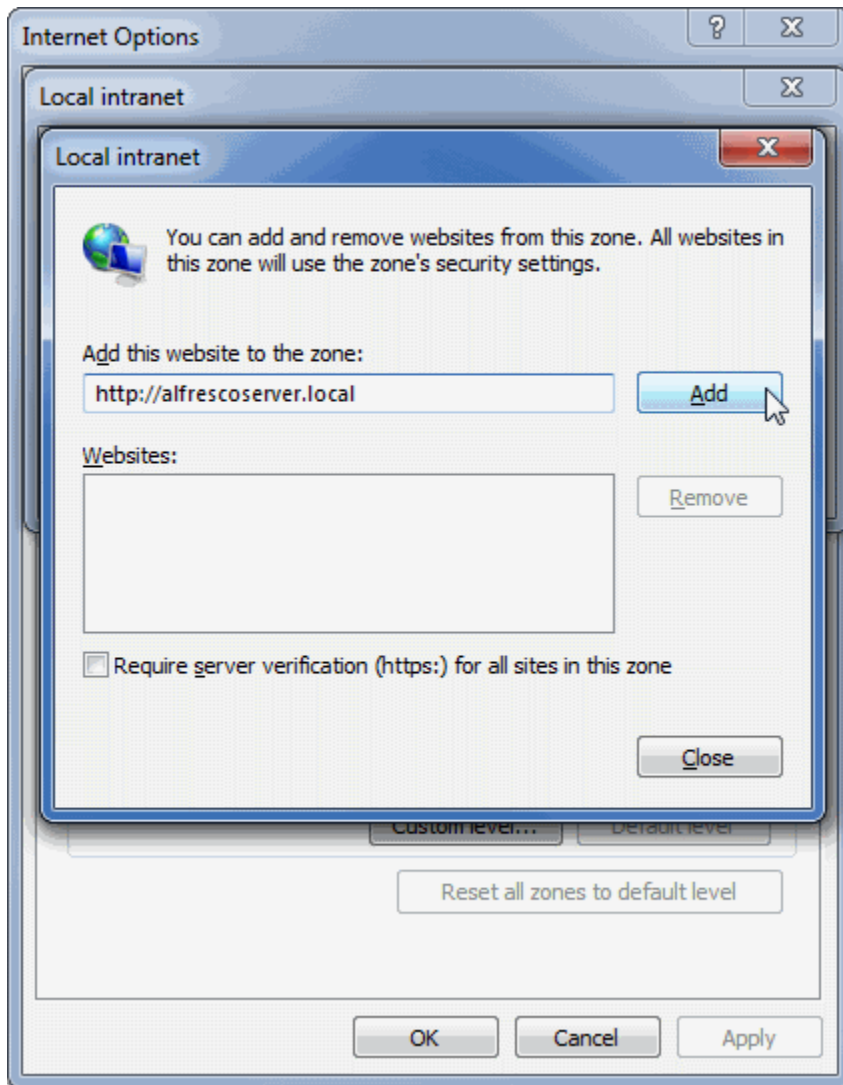
## Adding Alfresco Community server to trusted sites

1. Log on as the domain administrator.
2. Press Windows Key + R and run *gpmc.msc*. The **Group Policy Management Console (GPMC)** of your Domain Controller opens.
3. On the left side of the open dialog, click **User Configuration > Policies > Windows Settings > Internet Explorer Maintenance > Security**. A list of security options appear on the right side of the dialog.
4. Double-click **Security Security Zones and Content Ratings** and select the **Import the current security zones and privacy settings** option in the open dialog.
5. Click the **Modify Settings** button. The **Internet Properties** (or **Internet Options**) dialog opens.
6. Open the **Security** tab, if it is not yet open, and select **Local intranet**.
7. Click the **Sites** button and in the open dialog click the **Advanced** button.
8. Type the Cameo Collaborator server name you specified in line 14 when performing Configuring Alfresco repository. In this case, this is <http://alfrescoserver.local> (see the following figure).

 If you want to access the Cameo Collaborator server over standard HTTPS port, click to select the **Require server verification (https:) for all sites in this zone** check box.

9. Close all the dialogs.
10. Update group policy depending on your operating system.

 You can also configure the Internet options for each client individually.



## Testing SSO

1. Open Internet Explorer or Google Chrome.
2. In the Address bar, type `<server address>/share` (in this case, it is `http://alfrescoserver.local:8080/share`) and press Enter.

You should be logged on to Cameo Collaborator without asking credentials.

## Configuring Mozilla Firefox (optional)

If you use Mozilla Firefox for accessing Cameo Collaborator, you must configure it appropriately.

1. Open Mozilla Firefox.
2. In the Address bar, type `about:config` and press Enter.
3. After the config page loads, in the search box type `network.automatic`.
4. In the search results list, double-click `network.automatic-ntlm-auth.trusted-uris` and type the Cameo Collaborator server address in the open dialog (see the following figure).

 Multiple sites can be separated by commas, for example `http://alfrescoserver.local, https://www.example.com`.

5. Click **OK** to apply changes.
6. Re-open the Internet browser to see the effect of the configuration.

**Related pages**

- [Administrator Guide](#)