

Procedure to setup iFolder with Active Directory.

Create iFolder admin and proxy users in Active Directory

- Login to Active directory user management console and create iFolder admin and proxy users.

ex. iFolder Admin -- cn=iFolderAdmin,cn=users,dc=ifolder,dc=ad

iFolder Proxy -- cn=SimiasProxy,cn=users,dc=ifolder,dc=ad

If You are using Windows 2003 AD and you want to configure SSL configuration between iFolder and AD, then follow the steps mentioned below.

- First, you must export the AD server certificate on Windows 2003 using the steps given below:

1. Click Start > Administrative Tools > Certification Authority to launch the Certification Authority application.
2. Select a certification authority, then right-click and select Properties.
3. In the Properties window, click the View Certificate button.
4. In the Certificate window, click the Details tab and click the Copy to File button.
5. Click Next in the Certificate Export Wizard window.
6. Select Base-64 encoded X.509 and click Next.
7. Specify the path and file name of the certificate and click Next.
8. Click Finish to export the certificate.

- Finally, copy the exported certificate file to Linux server, and run the following command from the command terminal:

```
# > certmgr -add -c -m Trust win2k3-vin.ifolder.ad_win2k3-vin.crt
```

Run iFolder server, admin and web access setups as mentioned in this document. During interactive setup when AD details are asked for, carefully enter details as below.

Carefully provide input for the highlighted section.

Use LDAP? [Y]:

Select “Y” for the above option.

LDAP Server? [localhost]: 10.10.10.1

Replace 10.10.10.10 with Active directory IP address.

LDAP Secure? [Y]: N

“Y” means LDAP connection with the active directory will be through SSL channel and
“N” means normal non SSL channel.

**LDAP Admin DN? [cn=admin,o=novell]:
cn=Administrator,cn=users,dc=ifolder,dc=ad**

Active directory Admin DN.

LDAP Admin Password? [novell]: Password

Active directory Admin password.

System Admin? [admin]: cn=iFolderAdmin,cn=users,dc=ifolder,dc=ad

iFolder admin DN(This user needs to present in AD).

System Admin Password? [novell]: Password

iFolder Admin password.

**LDAP Proxy DN? [cn=SimiasProxy,o=novell]:
cn=SimiasProxy,cn=users,dc=ifolder,dc=ad**

SimiasProxy user(This user needs to present in AD)

LDAP Proxy Password? [novell]: Password

iFolder proxy user password.

LDAP Search Context? [o=novell]: cn=users,dc=ifolder,dc=ad

Active directory search Context DN. Make sure users are present under this context.

Naming Attribute? [cn]: cn

Unique naming attribute of user objects. This can be cn, email etc..

Console output of sample iFolder setup with AD

./simias-server-setup

SIMIAS SERVER SETUP

This script configures a server installation of Simias to setup a new Simias system.

----- SERVER'S DATA PATH -----

Path to the server's data files

Server's Data Path? [/var/simias/data]:

----- SERVER NAME -----

The name of this server

Server Name? [Host1]:

----- SSL -----

Select SSL/NONSSL communication for this server. Options are SSL, NONSSL or BOTH

SSL? [BOTH]:

----- PUBLIC URL -----

Public URL of this Simias Server

Public URL? [https://10.10.10.1/simias10]:

----- PRIVATE URL -----

Private URL of this Simias Server

Private URL? [https:// 10.10.10.1/simias10]:

----- SLAVE SERVER -----

Install into existing Simias Domain

Slave Server? [N]:

----- SYSTEM NAME -----

A name used to identify the Simias system to users.

System Name? [iFolder]:

----- SYSTEM DESCRIPTION -----

A detailed description of the Simias system for users.

System Description? [iFolder Enterprise System]:

----- USE KEY RECOVERY AGENT -----

Use Key Recovery Agents to recovery the encryption key if the user forgets the pass-phrase used for encryption?

Use Key Recovery Agent? [Y]:

----- RECOVERY AGENT CERTIFICATE PATH -----

Path to the Recovery agent certificate's.

Recovery Agent Certificate Path? [/var/simias/data]:

----- USE LDAP -----

Use LDAP to provision and authenticate users?

Use LDAP? [Y]:

----- LDAP SERVER -----

The host or ip address of an LDAP server. The server will be searched for users to provision into Simias and will be used by Simias for authentication.

LDAP Server? [10.10.10.1]: 10.10.10.1

----- LDAP SECURE -----

Require a secure connection between the LDAP server and the Simias server

LDAP Secure? [Y]: N

----- LDAP ADMIN DN -----

An existing LDAP user, used by this script only, to connect to the LDAP server and create and/or check required LDAP users for Simias.

LDAP Admin DN? [cn=admin,o=novell]: cn=Administrator,cn=users,dc=ifolder,dc=ad
LDAP Admin Password? [novell]: Password

----- SYSTEM ADMIN -----

The Simias default administrator. If the system is configured to use an external identity source, the distinguished name (dn) should be used.

System Admin? [admin]: cn=iFolderAdmin,cn=users,dc=ifolder,dc=ad
System Admin Password? [novell]: Password

----- LDAP PROXY DN -----

An LDAP user that will be used to provision the users between Simias and the LDAP server. If this user does not already exist in the LDAP tree it will be created and granted read rights at the root of the tree. The user's dn and password are stored by Simias.

LDAP Proxy DN? [cn=SimiasProxy,o=novell]:
cn=SimiasProxy,cn=users,dc=ifolder,dc=ad

LDAP Proxy Password? [novell]: Password

----- LDAP SEARCH CONTEXT -----

A list of LDAP tree contexts (delimited by '#') that will be searched for users to provision into Simias.

LDAP Search Context? [o=novell]: cn=users,dc=ifolder,dc=ad

----- NAMING ATTRIBUTE -----

The LDAP attribute you want all users to login using. I.E. 'cn' or 'email'.

Naming Attribute? [cn]:

----- CONFIGURE APACHE -----

Configure Simias to run behind Apache

Configure Apache? [N]: Y

----- LDAP GROUPS PLUGIN -----

Configure Ldap Groups Plugin

Ldap Groups Plugin? [N]:

Working...

Configuring /var/simias/data/simias/Simias.config...SetupSimias - Done

Configuring /etc/apache2/conf.d/simias.conf...Done

Installing certificate from ldap://x.x.x.x/...

Skipped (Not Supported)

Connecting to ldap:// x.x.x.x/...Done

Querying for directory type...get directory type

serverName: value :CN=WIN2K3-VIN,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=ifolder,DC=ad

ActiveDirectory

Creating cn=iFolderAdmin,cn=users,dc=ifolder,dc=ad...Skipped (User Exists)

Creating cn= SimiasProxy,cn=users,dc=ifolder,dc=ad...Checking cn=

SimiasProxy,cn=users,dc=ifolder,dc=ad...Done

Skipped (User Exists)

Checked cn= SimiasProxy,cn=users,dc=ifolder,dc=ad...Checking cn=

SimiasProxy,cn=users,dc=ifolder,dc=ad...Done

Adding LDAP settings to /var/simias/data/simias/Simias.config...Checking cn=

iFolderAdmin,cn=users,dc=ifolder,dc=ad...Done

Done

Configuring User Movement plugin..

Setting up Log4Net file...Done

Setting up permissions...Done

SUCCESS

*** Configure iFolder admin console configuration,**

./ifolder-admin-setup

IFOLDER WEB ADMIN SETUP

This script configures a server installation of iFolder Web Admin application. The script is intended for testing purposes only.

----- WEB ALIAS -----

Web Alias for iFolder Web Admin

Web Alias? [/admin]:

----- REQUIRE SSL -----

Require a secure connection between the browsers and the iFolder Web Admin application

Require SSL? [Y]:

----- REQUIRE SERVER SSL -----

Require a secure connection between the iFolder Server and the iFolder Web Admin application

Require Server SSL? [Y]:

----- IFOLDER URL -----

The host or ip address of the iFolder server that will be used by the iFolder Web Admin application

iFolder URL? [https://localhost:443/]:

----- REDIRECT URL -----

Redirect URL for iChain / AccessGateway

Redirect URL? []:

Working...

Configuring /opt/novell/ifolder3/lib/simias/admin/Web.config...Done

Server DATA PATH is set to : /var/simias/data/simias

Configuring /etc/apache2/conf.d/ifolder_admin.conf...Done

Installing certificate...

----- ACCEPT IFOLDER SERVER CERTIFICATE -----

[Subject]

CN=XYZ.site, O=XYZ-TREE

[Issuer]

O=XYZ, OU=ABCD CA

[Not Before]

02/02/2009 10:09:58

[Not After]

02/02/2011 10:09:58

[Thumbprint]

5C9A88BF920986F346A1710FBE86D1AA083BD546

Accept iFolder Server Certificate? [Y]:

Done

SUCCESS

*** Configure iFolder web access configuration,**

./ifolder-web-setup

IFOLDER WEB ACCESS SETUP

This script configures a server installation of iFolder Web Access application. The script is intended for testing purposes only.

----- WEB ALIAS -----

Web Alias for iFolder Web Access

Web Alias? [/ifolder]:

----- REQUIRE SSL -----

Require a secure connection between the browsers and the iFolder Web Access application

Require SSL? [Y]:

----- REQUIRE SERVER SSL -----

Require a secure connection between the iFolder Server and the iFolder Web Access application

Require Server SSL? [Y]:

----- IFOLDER URL -----

The host or ip address of the iFolder server that will be used by the iFolder Web Access application

iFolder URL? [https://localhost:443/]:

----- REDIRECT URL -----

Redirect URL for iChain / AccessGateway

Redirect URL? []:

Working...

Configuring /opt/novell/ifolder3/lib/simias/webaccess/Web.config...Done
Server DATA PATH is set to : /var/simias/data/simias
Configuring /etc/apache2/conf.d/ifolder_web.conf...Done
Installing certificate...
----- ACCEPT IFOLDER SERVER CERTIFICATE -----
[Subject]

CN=XYZ.site, O=XYZ-TREE

[Issuer]

O=XYZ-TREE, OU=ABCD CA

[Not Before]

02/02/2009 10:09:58

[Not After]

02/02/2011 10:09:58

[Thumbprint]

5C9A88BF920986F346A1710FBE86D1AA083BD546

Accept iFolder Server Certificate? [Y]: Done

SUCCESS

Restart apache server and login from iFolder web admin console.