

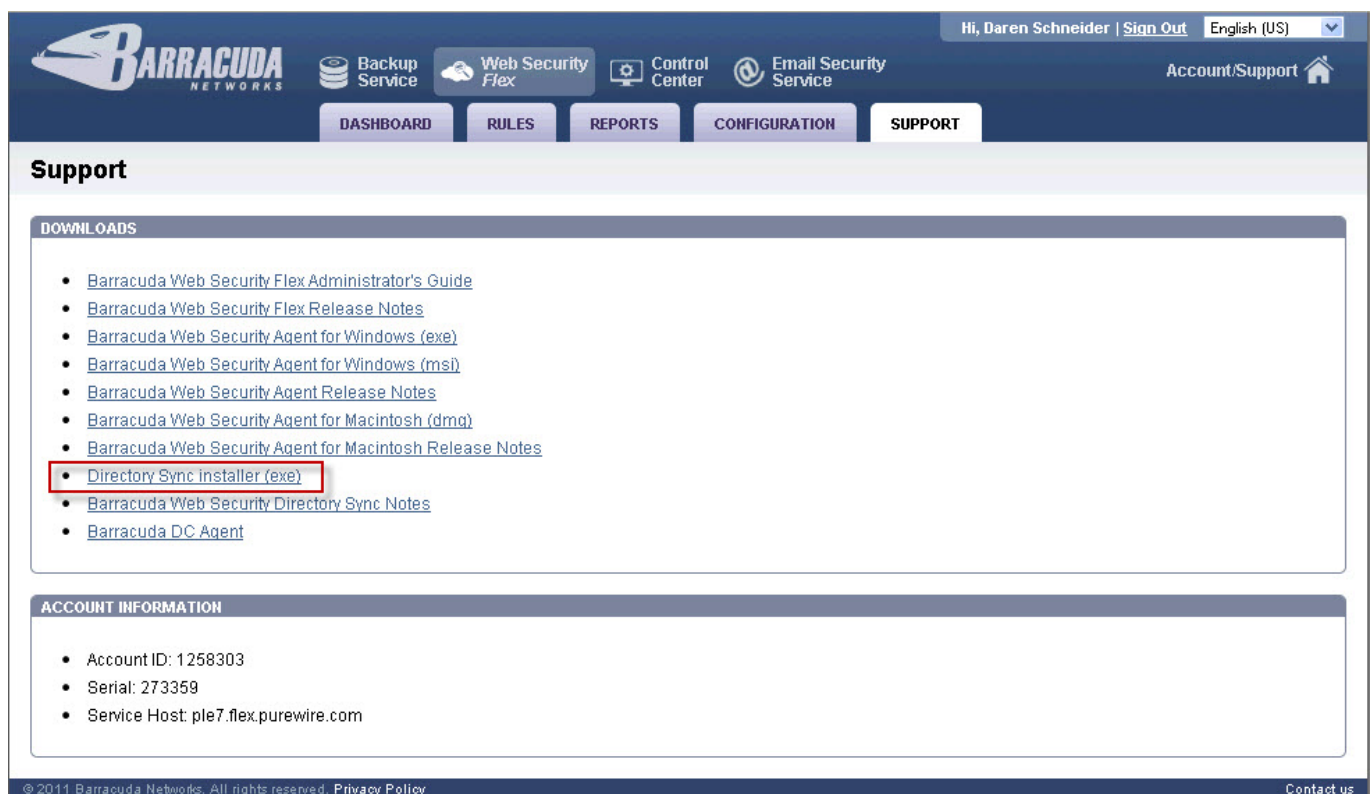
Barracuda Networks Directory Sync

<https://campus.barracuda.com/doc/6553624/>

Use the Barracuda Networks Directory Sync tool to send the AD Groups on your local network to your Barracuda Web Security Service. Install it on a Windows machine that has network connectivity to the AD systems. You can do a one time SSL encrypted transfer of one or many AD domains. Subsequent uses of the tool overwrite previous ones. Usernames should be unique across domains.

Download and Install the Directory Sync .exe

To use the tool, first go to the Barracuda Web Security Service Manager **SUPPORT** tab and download the **Directory Sync Installer (exe)**.



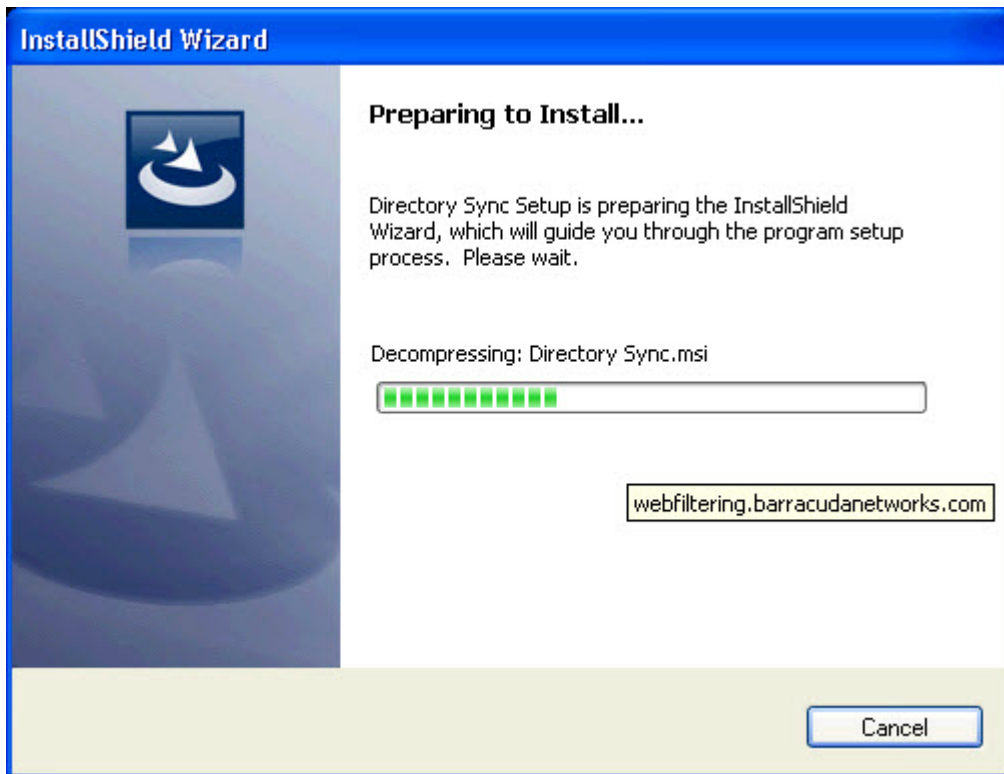
The screenshot shows the Barracuda Web Security Service Manager interface. The top navigation bar includes the Barracuda logo, service icons for Backup Service, Web Security Flex, Control Center, and Email Security Service, and user information for Daren Schneider. The 'SUPPORT' tab is selected. The main content area is titled 'Support' and contains a 'DOWNLOADS' section with a list of links. The link 'Directory Sync installer (exe)' is highlighted with a red box. Below the downloads is an 'ACCOUNT INFORMATION' section with the following details:

- Account ID: 1258303
- Serial: 273359
- Service Host: ple7.flex.purewire.com

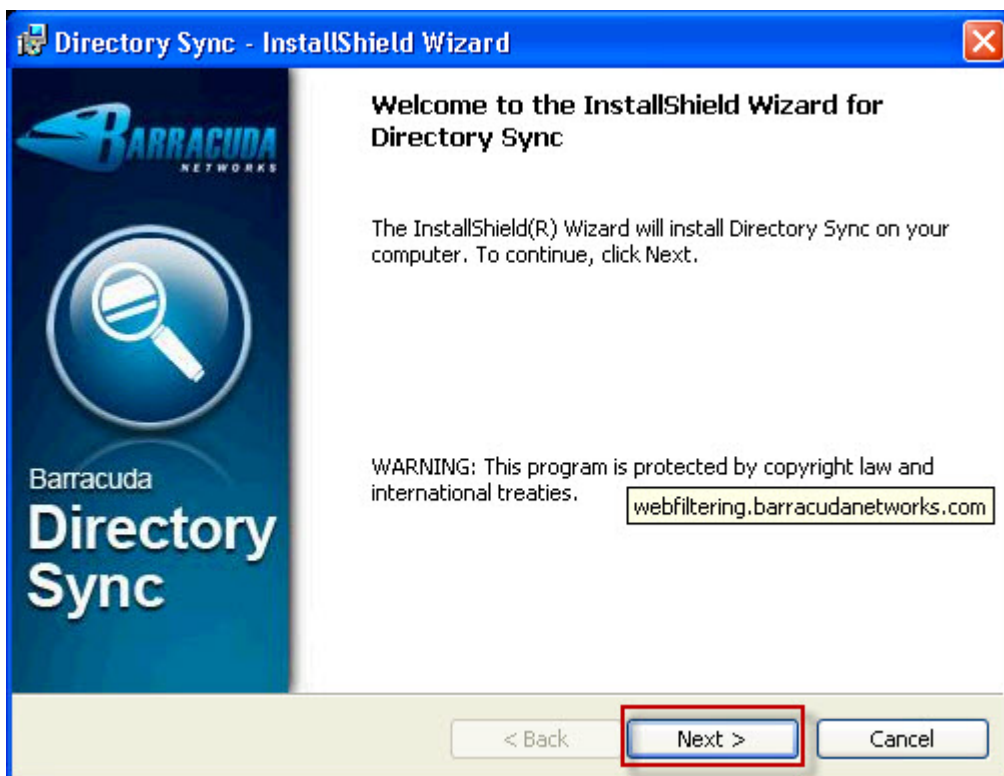
At the bottom of the page, there is a copyright notice: © 2014 Barracuda Networks. All rights reserved. Privacy Policy and a Contact us link.

Now install and launch the Directory Sync tool:

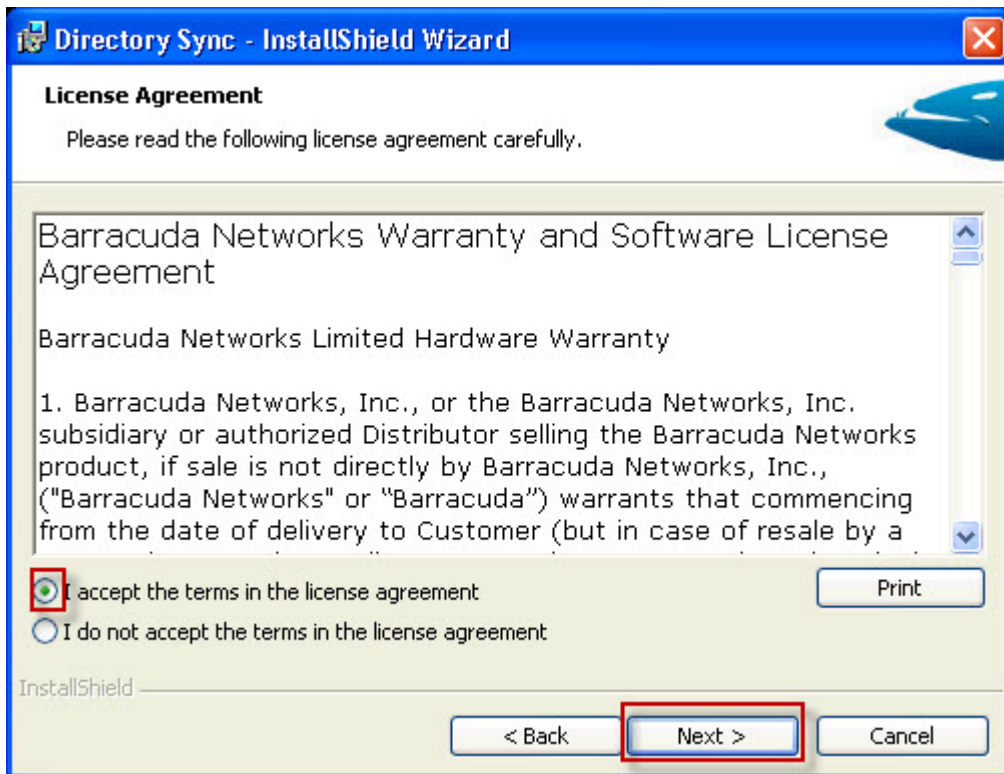
1. Run the installer.



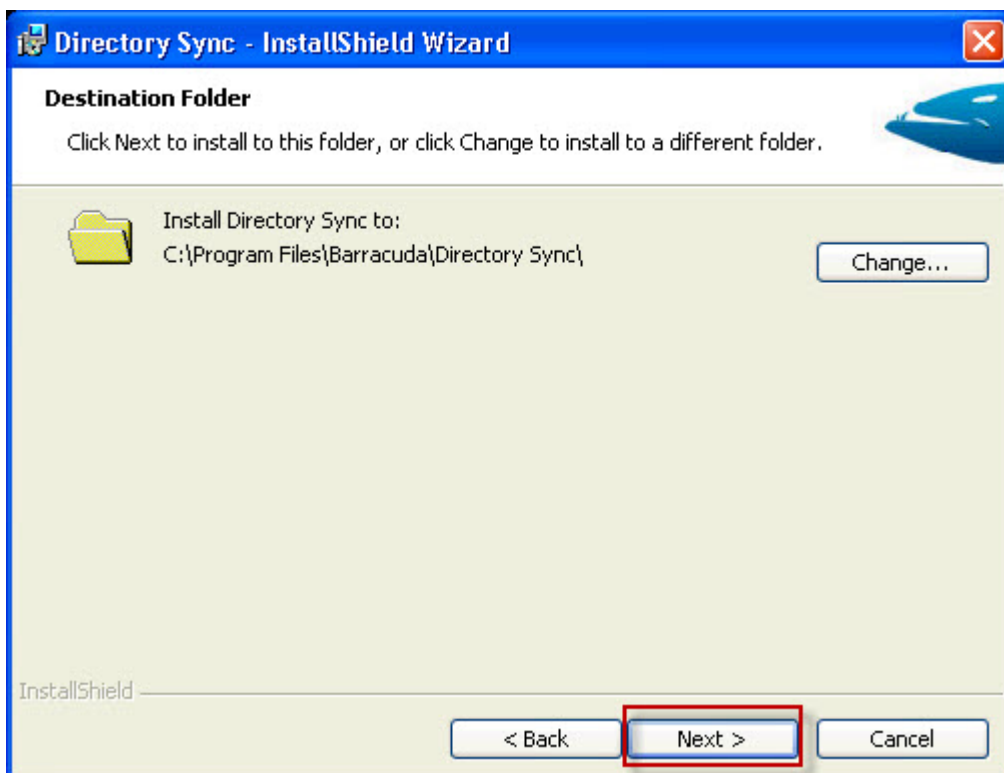
2. Click **Next**.



3. Accept the license agreement, and then click **Next**.

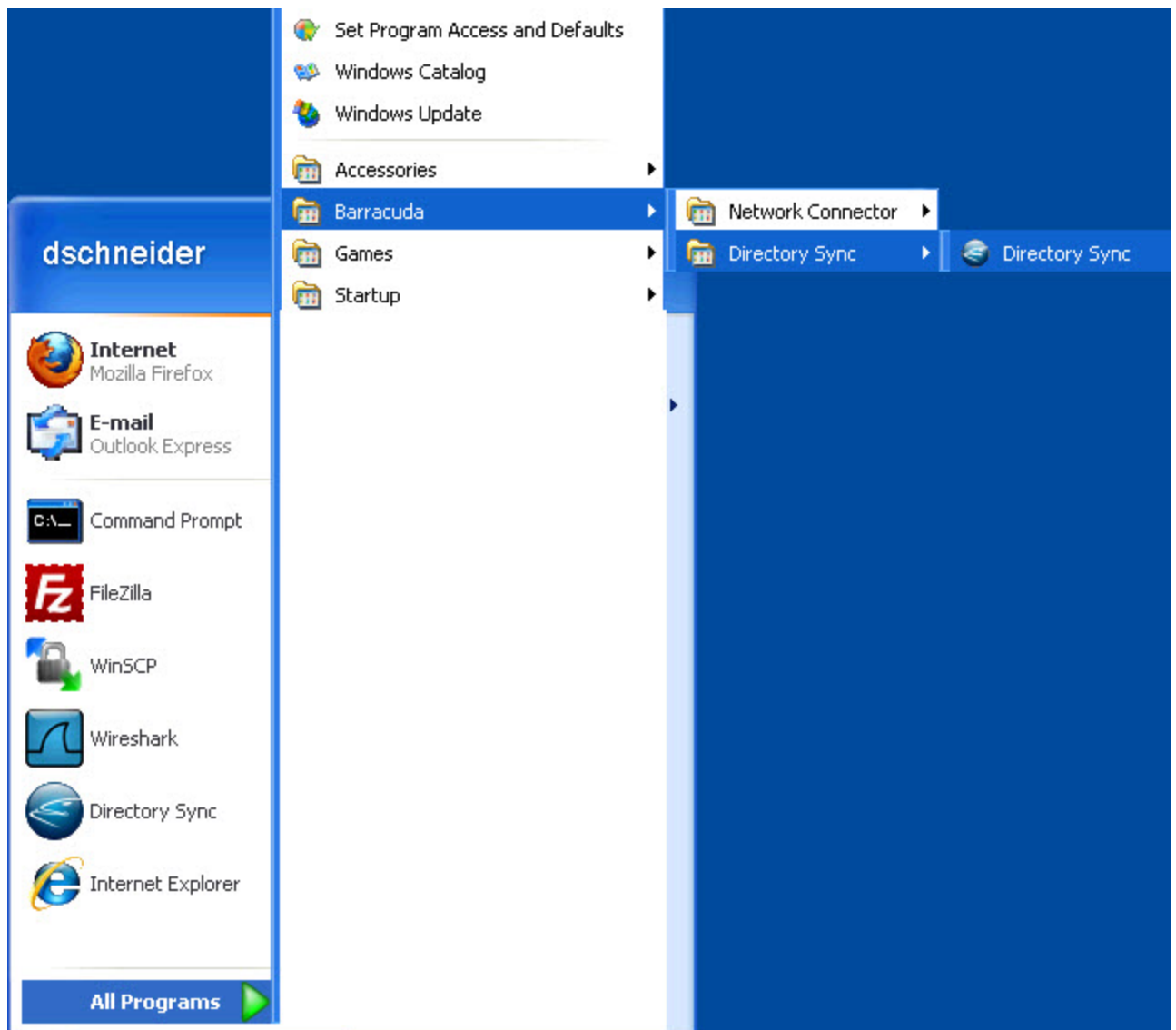


4. Click **Install**, and wait while InstallShield installs the files.



5. Click **Finish**.
6. To launch the tool, click **Start > All Programs > Barracuda > Directory Sync > Directory**

Sync.



Configure the Authentication Key and URL

When you run the Directory Sync, the Settings window will appear automatically with new installations. You can also open settings under "File > Settings".

1. Log into the Barracuda Web Security Service admin portal (web interface)
2. Go to **CONFIGURATION > Key Management**. Click an existing key or **Add New Key**.

Hi, Daren Schneider | Sign Out | English (US)

Backup Service | Web Security Flex | Control Center | Email Security Service

DASHBOARD | RULES | REPORTS | **CONFIGURATION** | SUPPORT

Group Management | Administrators | **Key Management** | Gateway | Web Security Agent | Time Zone | Services

Key Management

KEY LIST Add New Key | Save Changes

Showing page 1 of 1 with 25 results per page. 1

NAME	ENABLED	DELETE
Jane	<input checked="" type="checkbox"/>	<input type="checkbox"/>
test4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Desktop Users	<input checked="" type="checkbox"/>	<input type="checkbox"/>
New Key sep 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IP	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MAGS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Janekey	<input checked="" type="checkbox"/>	<input type="checkbox"/>
New Key	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Test2	<input checked="" type="checkbox"/>	<input type="checkbox"/>
cuda - Auth Key	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Showing page 1 of 1 with 25 results per page. 1

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3. Copy the key.

Hi, Daren Schneider | Sign Out | English (US)

Backup Service | Web Security Flex | Control Center | Email Security Service

DASHBOARD | RULES | REPORTS | **CONFIGURATION** | SUPPORT

Group Management | Administrators | **Key Management** | Gateway | Web Security Agent | Time Zone | Services

Key Management

KEY DETAILS Save Changes | Cancel

Name Jane

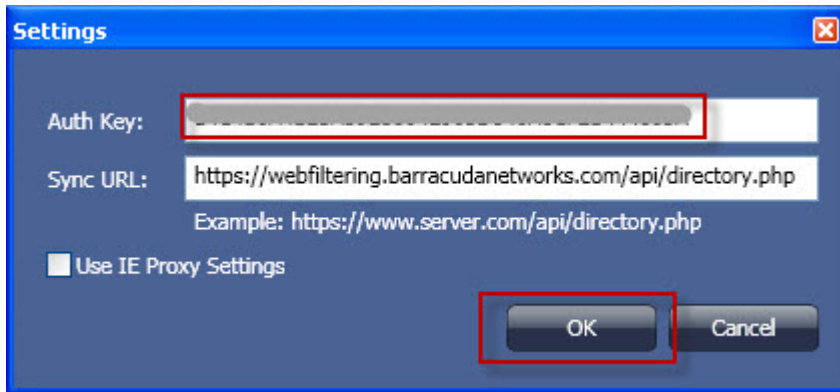
Type Barracuda Web Security Gateway / Web Security Agent IP Address

Key 14C4B0A4B25A59E8604E905D84DA8CF2B444603A

Please copy and paste this key into your Web Security Gateway or Web Security Agent.

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4. Paste the key into the **Auth Key** section of the Directory Sync Settings window.

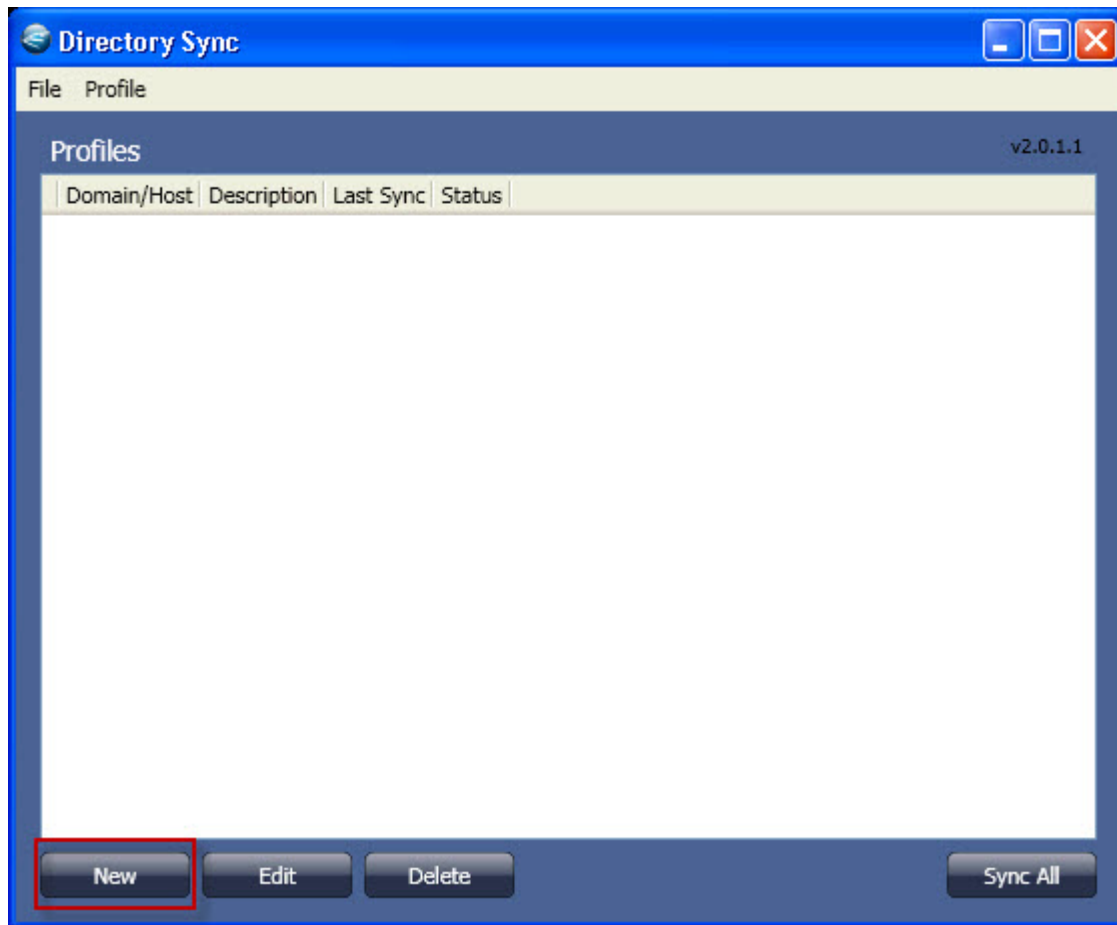


5. Use the default setting for Sync URL (do not modify). Click **OK**.

Add a Directory Sync Profile

If you create multiple profiles for multiple domains, they will be combined and uploaded as if they are a single domain. To add a directory profile:

1. Click **New**.



2. To add information about the profile, complete the following fields:

Domain/Host—Name of the domain and host you want to import data from.

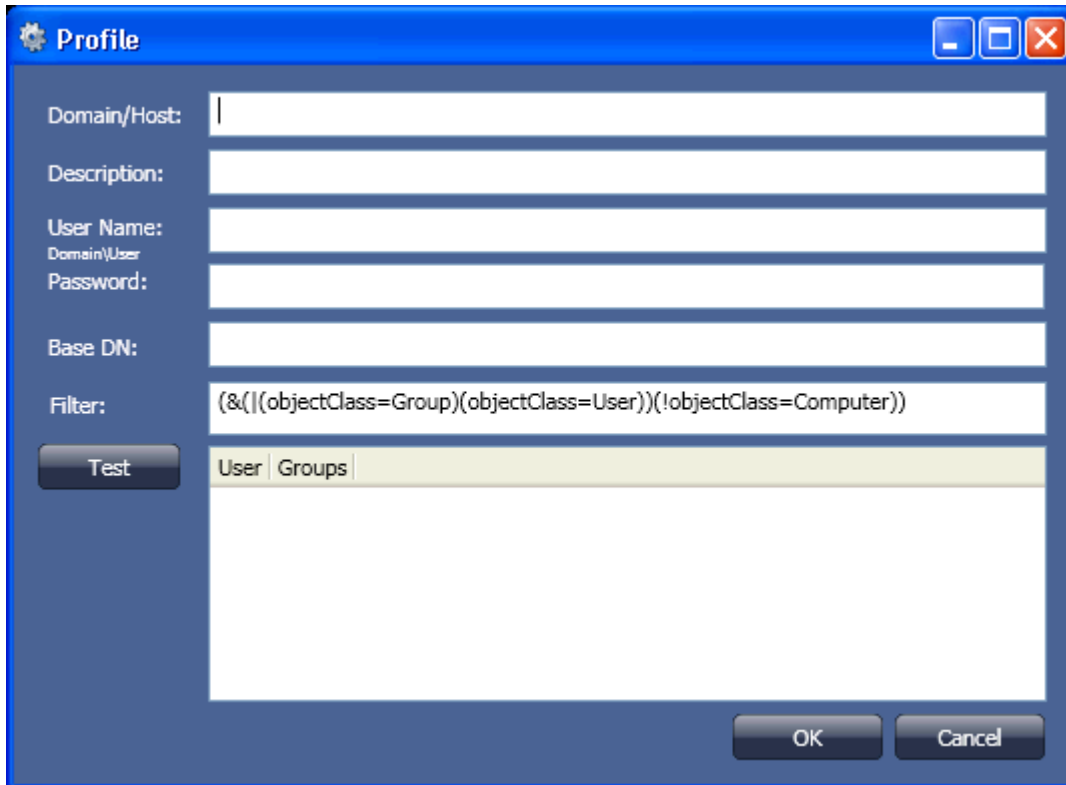
Description—Intuitive description of the domain.

User Name—Name of a user with sufficient privileges to query the LDAP server.

Password—Password for the **User Name** account.

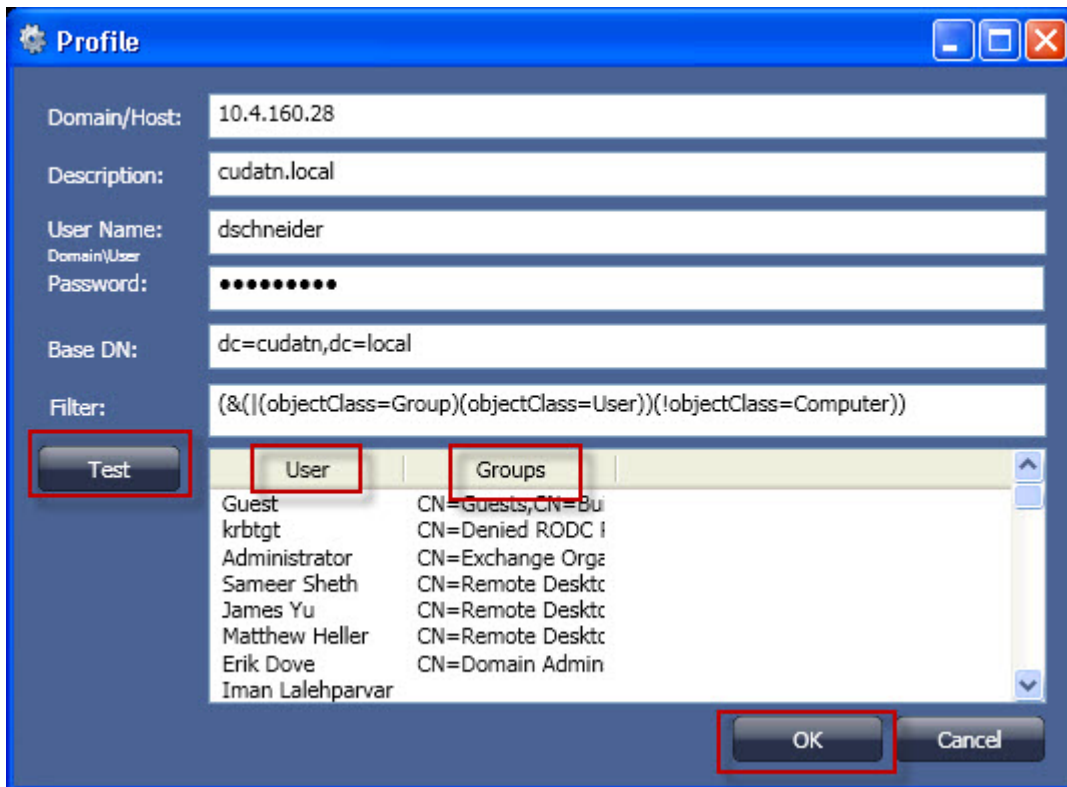
Base DN—Domain name of the node closest to the root that includes the data you want to import. You can specify multiple base DN's, separating them with the | character.

Filter—string that specifies how to examine each entry.



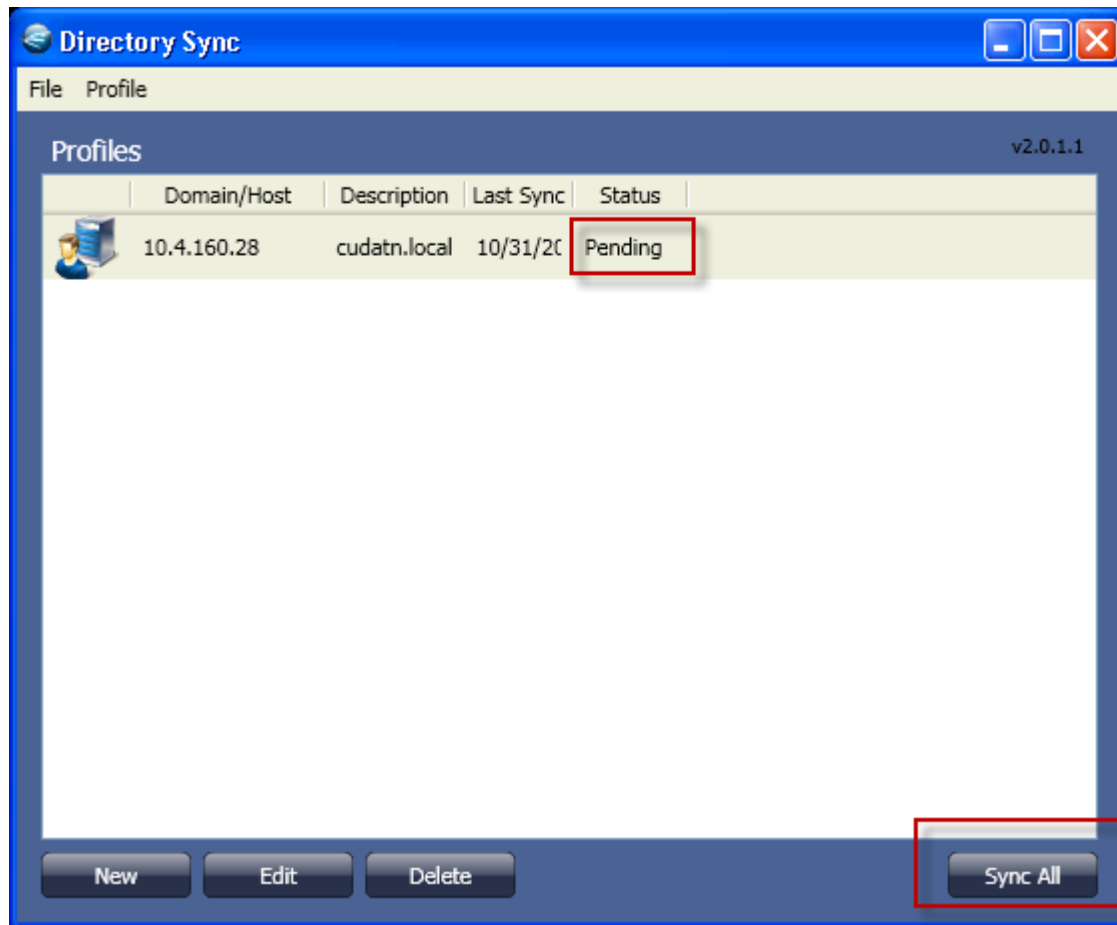
User	Groups
------	--------

3. Click **Test** if you want to test the connection before you send the data to the Barracuda Web Security Service.
A successful configuration will query the Active Directory and provide a list within the results window. The results will display Username on the left and the full DN of each of the groups the user is in on the right.
4. Click **OK**.



Synchronize Data

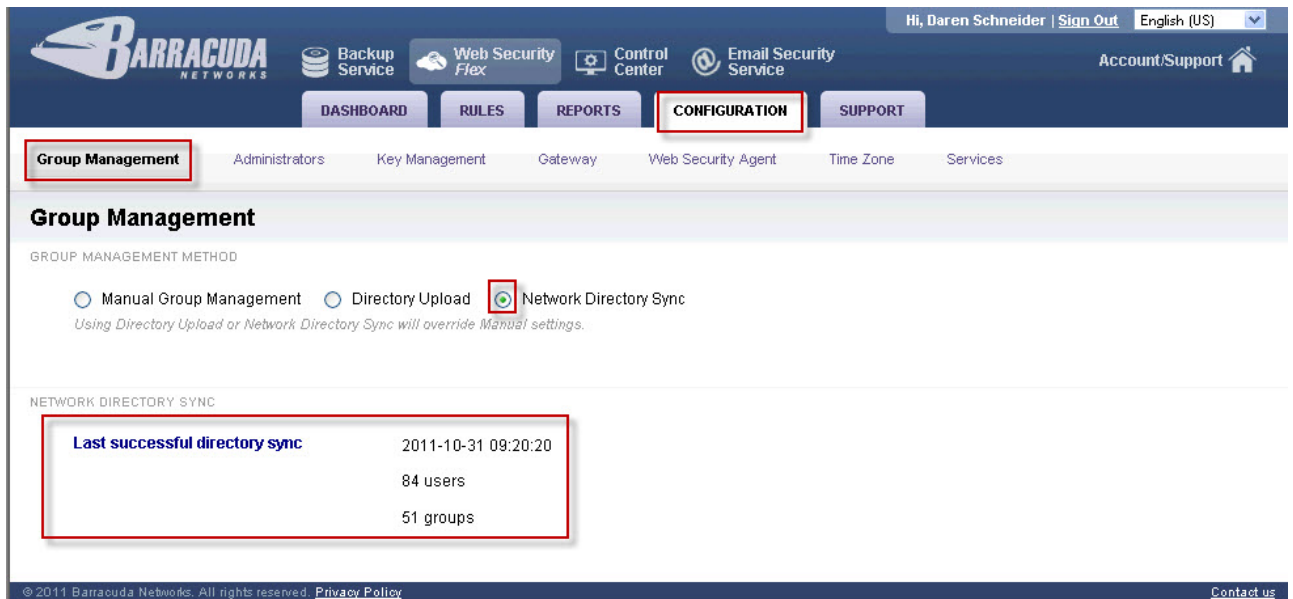
You can synchronize data manually, or use Windows Task Scheduler to set up automatic synchronization.



- To send the data to the Barracuda Web Security Service manually, select **Sync All**
OR
- To set up automated synchronization for a profile using Windows Task Scheduler, use the following command:
"C:\Program Files\Barracuda\Directory Sync\Directory Sync.exe" SYNC

You can verify a sync was successful using the Barracuda Web Security Service Manager:

1. Go to **CONFIGURATION > Group Management**.
2. Click on **Network Directory Sync** to see the *Last Successful directory sync* and the number of users and groups synchronized.



The screenshot shows the Barracuda Networks web interface. At the top, there is a navigation bar with the Barracuda logo, service icons (Backup Service, Web Security Flex, Control Center, Email Security Service), and user information (Hi, Daren Schneider | Sign Out | English (US)). Below this is a main menu with tabs for DASHBOARD, RULES, REPORTS, CONFIGURATION (highlighted with a red box), and SUPPORT. Under the CONFIGURATION tab, there is a sub-menu with 'Group Management' (highlighted with a red box), Administrators, Key Management, Gateway, Web Security Agent, Time Zone, and Services. The 'Group Management' page shows three radio button options: 'Manual Group Management', 'Directory Upload', and 'Network Directory Sync' (selected and highlighted with a red box). Below these options, a table displays the last successful directory sync details.

NETWORK DIRECTORY SYNC	
Last successful directory sync	2011-10-31 09:20:20
	84 users
	51 groups

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