

# Installing UTLite Script for User Tracking in Campus Manager

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## Introduction

UTLite is a utility that allows you to collect usernames from Active Directory, primary domain controllers, and Novell servers. UTLite sends traps to CiscoWorks Campus Manager whenever a user logs in or logs out. These usernames will show up in the user tracking reports of Campus Manager, along with other information of the end station such as the MAC address, hostname, IP address, and so forth.

In order to enable network services to collect username information from a Windows NT/2000 Primary Domain Controller (PDC) or Novell Directory Services (NDS) server, you must:

1. Install the UTLite script on the appropriate servers
2. Configure the CiscoWorks server with correct preferences

This document details how to install the UTLite script on Windows NT PDC servers. You must install the UTLite script on the Windows NT PDC and update the domain controller logon script to get user logon information from NT hosts. To install the UTLite script on Novell Servers, refer to the Online Help of your CiscoWorks Server.

**Note:** This procedure is also available in of your CiscoWorks Server Online Help. You can accessed it from your web browser using this URL:

**Note:** `http://<cisoworks_hostname/IP address>:1741/help/ani/ani_user.html#1014428` for CampusManager 3.3 and earlier versions

**Note:** `http://<cisoworks_hostname/IP address>:1741/help/CMcore/CmHelp/index.html?Ut_InstallUtliteADScript_Proc.html` for CampusManager 4.0 and later versions

## Prerequisites

## Requirements

You must have Windows NT Administrator privileges on the primary domain controller to install the UTLite logon script.

## Components Used

This document is not restricted to specific software and hardware versions.

## Supported Platforms

The UTLite script is supported on these platforms:

- Windows NT
- Windows 2000
- Windows XP
- Windows 2003
- Novell Directory Services (NDS)

The UTLite script is not supported on these UNIX hosts:

- Solaris
- HP-UX
- AIX

In order to automatically retrieve user login names from a UNIX host, **rusersd** must be enabled on the host. This is enabled by default on Solaris and AIX hosts, but not on HP-UX hosts. You can enable **rusersd** by updating the `/etc/inetd.conf` or `/etc/inet/inetd.conf` file on the host.

## Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

## UTLite Script Installation Procedure

### Step-by-Step Instructions

Follow these steps to install the UTLite script.

1. Copy the required files to the primary NT domain controller:

- a. Log into the NT primary domain controller as Administrator.
- b. Obtain the UTLite files from the CiscoWorks Server, where **C:\Program Files\** is the directory where you installed CiscoWorks:

◇ **C:\Program Files\CSCOpX\bin\UTLite.exe**

◇ **C:\Program Files\CSCOpX\bin\UTLiteNT.bat**

- c. Copy the **UTLiteNT.bat** and **UTLite.exe** files into the NETLOGON folder. NETLOGON is located in: `%SYSTEMROOT%\system32\Repl\Import\Scripts`, where `%SYSTEMROOT%` is the root directory for the Windows NT operating system files. To quickly locate this directory, enter **set windir** or **set systemroot** from a command prompt window.

**Note:** In Campus Manager 3.3 and later versions, the UTLite files are located at **C:\Program Files\CSCOpX\campus\bin\**. Also the **UTLite.exe** file changes to **UTLite33.exe**. If you have upgraded to CM 3.3 from previous version, the old logon scripts should be replaced by new **UTLiteNT.bat** pointing to **UTLite33.exe**.

2. Edit the **UTLiteNT.bat** file:

- a. Open the **UTLiteNT.bat** file.
- b. Locate this line and replace with the domain name of the NT domain controller and IP address of the computer running CiscoWorks Server:

```
start %WINDIR%\UTLite -domain <domain> -host <IP address> -port 16236
```

**Note:** If port 16236 is in use, enter a different number. This port number must match the number entered in the User and Host Acquisition dialog box, located on the CiscoWorks desktop under **Setup>ANI Server Admin>User and Host Acquisition** in the Server Configuration drawer.

3. Edit the logon scripts:

- a. Edit users' logon script files to run the **UTLiteNT.bat** file when users log into the network by adding this line:

```
@call %0\..\UTLiteNT.bat
```

- b. Update the domain controller logon script for each NT domain that you add.

**Note:** The first time users log into the network after you edit this script, **UTLite.exe** is copied to the local WINDIR directory on the Windows client system.

## Verify

You specify the CiscoWorks server when you run your UTLite script. User Tracking in Campus Manager gets the data from NT PDC.

## Troubleshoot

### UTLite.exe Not Sending Username

When tracking Windows 95, Windows NT, and Windows 2000 users in UserTracking, **UTLite.exe** is sometimes sending an empty username. This is a known bug CSCdt35200 ( registered customers only) found in Campus Manager 3.1 and is resolved in Campus Manager 3.3.

UTLite script does not work for Windows 98 clients (CSCdw44519 ( registered customers only) ) if you are using Campus Manager 3.1. This bug is fixed in Campus Manager 3.3.

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NetPro Discussion Forums – Featured Conversations for Network Management
Network Infrastructure: Network Management
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## Related Information

- [Troubleshooting the ANI Discovery Used by Campus Manager and UserTracking](#)
  - [CiscoWorks Campus Manager Support Page](#)
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