

RE: find on which computer is connected a user

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Dear Customer,

Thank you for posting in newsgroup. And thanks to Kev for the contribution.

According to the description, you want to know on which computer the domain user logons, and on which user logon the computer. If I have any misunderstanding, please feel free to let me know.

Based on the experience, here is some information which will be helpful for you.

Analysis and Suggestion:

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Option 1.

You may try to enable the policy "Audit Logon Events" and then audit the user logon/logoff events in the security log.

To enable the policy "Audit logon events", please perform the following steps:

1. Logon Domain Controller using domain administrator.
2. Open default domain controller policy or create a new GPO at domain level.
3. Click Local Computer Policy, click Computer Configuration, and then click Windows Settings -> Security Settings -> Local Policies -> Audit Policy -> Double click Audit logon events and Audit Account Logon Events -> Select Success and Failure.
4. Click OK.

You may find the following information from the Windows Server 2003 Security Guide:

Audit Account Logon Events

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Determines whether to audit each instance of a user logging on to or logging off from another computer in which this computer is used to validate the account. If you define this policy setting, you can specify whether to audit successes, audit failures, or not audit the event type at all. Success audits generate an audit entry when an account logon attempt succeeds. Failure audits generate an audit entry when an account logon attempt fails.

If success auditing for account logon events is enabled on a domain controller, an entry is logged for each user who is validated against that domain controller, even though the user is actually logging on to a workstation that is joined to the domain.

Option 2.

CConnect (Con–Current Connection Limiter) is a Windows 2000 Resource Kit tool which was designed for tracking connections of users and monitoring which computer user logged on to a network.

The CConnect.exe tool, in conjunction with an .adm file supplied by the tool, can perform the following functions:

- Limit concurrent connections per user.
- Log off remote computers when concurrent connections are reached.
- List all computers that a user is logged on to.
- List logon servers for each user.
- Show how many users are logged on to a domain controller (DC).
- Force a logoff when concurrent connections are reached.
- Enable debugging of the CConnect tool.
- Write events to the event log of a specified server concerning the status of the CConnect tool.
- Save all lists to a file for further examination.
- Track the last user of the computer and only limit that user from logging on to the computer if the computer was shut down improperly.

For more information, please refer to:

Limiting a user's concurrent connections in Windows Server 2003, Windows 2000, and Windows NT 4.0
<http://support.microsoft.com/kb/237282>

Option 3.

You may also add some lines to the logon and log off script to write something to the server share log file.

```
@echo off
echo [%date% %time%] >>\\server\share\logon.log
echo %username% log on %computername% to damain: %userdomain%
```

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\\server\share\logon.log

Please note: you may need to give write permission to everyone to get the log accessed by all users.

For more information about logon script, please refer to:

How to assign scripts in Windows 2000

<http://support.microsoft.com/kb/322241>

(This should be also applied to Windows Server 2003)

Option 4.

You can use a new tool called LimitLogin.

LimitLogin v1.0 is an application that adds the ability to limit concurrent interactive user logons in an Active Directory domain. It can also keep track of all logins information in Active Directory domains (without necessarily enforcing logons quotas).

LimitLogin capabilities include:

1. Limiting the number of logins per user from any machine in the domain, including Terminal Server sessions.
2. Displaying the logins information of any user in the domain according to a specific criterion (e.g. all the logged-on sessions to a specific client machine or Domain Controller, or all the machines a certain user is currently logged on to).
3. Easy management and configuration by integrating to the Active Directory MMC snap-ins.
4. Ability to delete and log off user session remotely straight from the Active Directory Users and Computers MMC snap-in.
5. Generating Login information reports in CSV (Excel) and XML formats.

Please keep in mind that this tool is Not Supported (similar to a resource kit tools).

The public download location is:

<http://download.microsoft.com/download/f/d/0/fd05def7-68a1-4f71-8546-25c359c0842/limitlogin.exe>

Hope all the information will be helpful.

Thanks for your time.

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