

How to Map Client Drives in Pass-Through Sessions

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Summary

This article describes how to configure Client Drive Mapping inside a pass-through session using client side **NativeDriveMapping** setting.

Background

By default, client drive mapping on the pass-through client is restricted to the drives on the client device. This means that only the drivers of the XenApp server are available in a pass-through session by default.

This article provides information on how to change this default behavior.

Consider the following scenario:



Session 1

From your client workstation (Client 1), you start a session (Session 1) to your XenApp server (Server 1). In this session you must see your local Client 1 drives mapped by default.

Session 2

Next, from within Session 1, you start another session (Session 2) to Server 2, and this second session is now functioning in a pass-through mode. By default, you must see only your local Client 1 drives within Session 2.

Note: The preceding information is by design, but this can be changed to allow mapping of your Server 1 drives within Session 2.

Description

Inside Session 2, whether the user sees drives only from Client 1 or from both, Client 1 and Server 2 is controlled by a client-side configuration setting called NativeDriveMapping.

- When NativeDriveMapping = FALSE, only Session 2 has mapped drives from Client 1.
- When NativeDriveMapping = TRUE, Session2 has mapped drives from Client 1 and Server 1.

Caution! This procedure requires you to edit the registry. Using Registry Editor incorrectly can cause serious problems that might require you to reinstall your operating system. Citrix cannot guarantee that problems resulting from the incorrect use of the Registry Editor can be solved. Use the Registry Editor at your own risk. Back up the registry before you edit it.

The setting is intended only for Presentation Server 4.5 and XenApp 5 (see [XenApp 6 and 6.5](#) for changes for XenApp 6). In any ICA client or online plug-in version 10 or later, you can enable the **NativeDriveMapping** by completing the following procedure:

1. Open the Registry Editor.
2. Navigate to the following registry key:

For 32 bit machines

HKEY_LOCAL_MACHINE\SOFTWARE\Citrix\ICA Client\Engine\Configuration\Advanced\Modules\ClientDrive

For 64 bit machines

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Citrix\ICA Client\Engine\Configuration\Advanced\Modules\ClientDrive

3. Create the following registry value:
Value name: NativeDriveMapping
Type: REG_SZ
Value: True

Hotfix Information

There was a known bug with Presentation Server 4.5 that caused endpoint drives not to get mapped to published applications in XenApp sessions. Basically, the bug caused remote drives to get ignored from the list returned by cdmprov. This was corrected in CTX127926 - [Hotfix Rollup Pack 7 for Citrix XenApp 5.0 and Citrix Presentation Server 4.5 for Microsoft Windows Server 2003 32-bit Edition](#). From the hotfix Rollup Pack 7 Readme: "Mapped client drives are not mapped to applications running in virtual desktop or XenApp sessions [#230816]".

XenApp 6 and 6.5

By default, XenApp 6 and 6.5 also maps only drives from Client 1 within a pass-through session. Also, the NativeDriveMapping key on XenApp 6 and 6.5 is set to FALSE by default. This registry value works differently than in previous versions. If you change the NativeDriveMapping key on XenApp 6 and 6.5 from FALSE to TRUE, you only end up with drives from Client 2 / Server 1 in the pass-through session (Session 2).

More Information

CTX238200 - [How to Troubleshoot Client Drive Mapping](#)

CTX127614 - [Differences in Client Drive Mapping between XenApp 6.0 and 6.5, Presentation Server 4.5, and XenApp 5.0](#)

CTX118741 - [How to Retain a Client's Mapped Network Share in an ICA Session launched from a XenDesktop Virtual Desktop Agent](#)

CTX113525 - [How to Map Drives in an RDP Pass-through Session Within an ICA Session](#)

CTX113756 - [The Pass-through Client for Presentation Server Client 10 Cannot Launch an Application on a Network Drive Through a Desktop Session](#)

This document applies to:

- [Presentation Server 4.5 for Windows Server 2003](#)
- [Presentation Server 4.5 for Windows Server 2003 x64 Edition](#)
- [XenApp 5.0 for Windows Server 2003 x64](#)
- [XenApp 5.0 for Windows Server 2003 x86](#)
- [XenApp 5.0 for Windows Server 2008 x64](#)
- [XenApp 5.0 for Windows Server 2008 x86](#)