

CTX102438 - MetaFrame XP Citrix Management Policies do not Disable Entire Access to Client Drives as Expected

This document was published

at: <http://support.citrix.com/kb/entry.jspx?externalID=CTX102438>

Document ID: CTX102438, Created on: Aug 11, 2003, Updated: Sep 29, 2003

Products: Citrix MetaFrame XP 1.0 for Microsoft Windows 2000

Symptom

When using Policies in MetaFrame XP Feature Release 2 or Feature Release 3 to disable Client Drive Access, users may still be able to manually map a client drive using the convention, Net Use * \\client\x\$, where x is the client drive letter.

Disabling access to the client drives from the Listener level behaves as expected.

Explanation

The following components make up the Client Device Mapping system in MetaFrame XP:

Cdmprov.dll. This is the user mode network provider dll that implements Multi-Provider Router (MPR)

Cdm.sys. This is the kernel mode driver that registers Multiple UNC Provider (MUP)
The Policies for client device mapping (CDM) are currently designed to be read and used by Cdmprov.dll. This dll acts as an MPR and provides a service to the Windows Network APIs.

Net Use utilizes the UNC convention and, therefore, communicates directly with MUP. The Citrix MUP is not aware of the Policies for CDM.

Resolution

To establish this awareness, a mechanism needs to be introduced that can make MUP aware of the CDM Policies as well as the characteristics of each client drive.

This would be an enhancement to the current design. Contact Citrix Technical Support to place an enhancement request.

For more information about the aspects of the Windows 2000 network architecture, see the following documentation.