GROUP POLICY CACHING

Computer configuration\policies\Administrative templates\system\Group Policy

This policy setting allows you to configure Group Policy caching behavior.

If you enable or do not configure this policy setting, Group Policy caches policy information after every background processing session. This cache saves applicable GPOs and the settings contained within them. When Group Policy runs in synchronous foreground mode, it refers to this cache, which enables it to run faster. When the cache is read, Group Policy attempts to contact a logon domain controller to determine the link speed. When Group Policy runs in background mode or asynchronous foreground mode, it continues to download the latest version of the policy information, and it uses a bandwidth estimate to determine slow link thresholds. (See the "Configure Group Policy Slow Link Detection" policy setting to configure asynchronous foreground behavior.)

The slow link value that is defined in this policy setting determines how long Group Policy will wait for a response from the domain controller before reporting the link speed as slow. The default is 500 milliseconds.

The timeout value that is defined in this policy setting determines how long Group Policy will wait for a response from the domain controller before determining that there is no network connectivity. This stops the current Group Policy processing. Group Policy will run in the background the next time a connection to a domain controller is established. Setting this value too high might result in longer waits for the user at boot or logon. The default is 5000 milliseconds.

If you disable this policy setting, the Group Policy client will not cache applicable GPOs or settings that are contained within the GPOs. When Group Policy runs synchronously, it downloads the latest version of the policy from the network and uses bandwidth estimates to determine slow link thresholds. (See the "Configure Group Policy Slow Link Detection" policy setting to configure asynchronous foreground behavior.)

System (tree panel)

- System
  - Access-Denied Assistance
  - Audit Process Creation
  - Credentials Delegation
  - ▷ Device Installation
  - Disk NV Cache
  - Disk Quotas
  - ▷ Distributed COM
  - Driver Installation
  - Early Launch Antimalware
  - File Classification Infrastructure
  - File Share Shadow Copy Provider
  - ▷ Filesystem
  - Folder Redirection
  - ▷ Group Policy
  - ▷ Internet Communication Manag
  - ▷ iSCSI
  - KDC
  - Kerberos
  - Locale Services
  - Logon
  - ▷ Net Logon
  - ▷ Power Management
  - Recovery
  - Remote Assistance
  - Remote Procedure Call
  - Removable Storage Access
  - Scripts
  - Server Manager
  - Shutdown
  - Shutdown Options
  - System Restore
  - ▷ Troubleshooting and Diagnostic
  - Trusted Platform Module Service

Group Policy

Configure Group Policy Caching

Edit policy setting

Requirements:
At least Windows Server 2012 R2,
Windows 8.1 or Windows RT 8.1

Description:

This policy setting allows you to configure Group Policy caching behavior.

If you enable or do not configure this policy setting, Group Policy caches policy information after every background processing session. This cache saves applicable GPOs and the settings contained within them. When Group Policy runs in synchronous foreground mode, it refers to this cache, which enables it to run faster. When the cache is read, Group Policy attempts to contact a logon domain controller to determine the link speed. When Group Policy runs in background mode or asynchronous foreground mode, it continues to download the latest version of the policy information, and it uses a bandwidth estimate to determine slow link thresholds. (See the "Configure Group Policy Slow Link Detection" policy setting to configure asynchronous

\ Extended / Standard /

Setting	State
Remove users' ability to invoke machine policy refresh	Not configured
Configure Group Policy Caching	Not configured
Enable Group Policy Caching for Servers	Not configured
Configure Group Policy slow link detection	Not configured
Set Group Policy refresh interval for computers	Not configured
Set Group Policy refresh interval for domain controllers	Not configured
Configure Logon Script Delay	Not configured
Always use local ADM files for Group Policy Object Editor	Not configured
Turn off Resultant Set of Policy logging	Not configured
Enable AD/DFS domain controller synchronization during p...	Not configured
Configure Direct Access connections as a fast network conn...	Not configured
Change Group Policy processing to run asynchronously wh...	Not configured
Specify startup policy processing wait time	Not configured
Configure user Group Policy loopback processing mode	Not configured
Allow asynchronous user Group Policy processing when log...	Not configured
Configure Applications preference extension policy processi...	Not configured
Configure Data Sources preference extension policy processi...	Not configured
Configure Devices preference extension policy processing	Not configured
Configure Drive Maps preference extension policy processing	Not configured
Configure Environment preference extension policy processi...	Not configured
Configure Files preference extension policy processing	Not configured
Configure Folder Options preference extension policy proce...	Not configured
Configure Folders preference extension policy processing	Not configured
Configure Ini Files preference extension policy processing	Not configured
Configure Internet Settings preference extension policy proc...	Not configured
Configure Local Users and Groups preference extension poli...	Not configured
Configure Network Shares preference extension policy proc...	Not configured
Configure Network Options preference extension policy pro...	Not configured
Configure Power Options preference extension policy proce...	Not configured
Configure Registry preference extension policy processing	Not configured