

 Group Policy Home

HKEY_LOCAL_MACHINE

SOFTWARE

Policies

Microsoft

Windows NT

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- [HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\Client](#)
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Configure RemoteFX

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEnableVirtualizedGraphics**

Optimize visual experience for Remote Desktop Service Sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**VisualExperiencePolicy**

Prioritize H.264/AVC 444 graphics mode for Remote Desktop Connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**AVC444ModePreferred**

Configure H.264/AVC hardware encoding for Remote Desktop Connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**AVCHardwareEncodePreferred**

Use advanced RemoteFX graphics for RemoteApp

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEnableRemoteFXAdvancedRemoteApp**

Use WDDM graphics display driver for Remote Desktop Connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEnableWddmDriver**

Configure compression for RemoteFX data

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**MaxCompressionLevel**

Configure RemoteFX Adaptive Graphics

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**GraphicsProfile**

Configure image quality for RemoteFX Adaptive Graphics

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ImageQuality**

Configure server authentication for client

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**AuthenticationLevel**

Prompt for credentials on the client computer

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**PromptForCredsOnClient**

Specify SHA1 thumbprints of certificates representing trusted .rdp publishers

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\TrustedCertThumbprints

Allow .rdp files from valid publishers and user's default .rdp settings

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\AllowSignedFiles

Allow .rdp files from unknown publishers

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\AllowUnsignedFiles

Do not use temporary folders per session

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\PerSessionTempDir

Do not delete temp folders upon exit

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services>DeleteTempDirsOnExit

Set time limit for active Remote Desktop Services sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxConnectionTime

Set time limit for active but idle Remote Desktop Services sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxIdleTime

Set time limit for disconnected sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxDisconnectionTime

End session when time limits are reached

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ResetBroken

Configure RD Connection Broker server name

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\SessionDirectoryLocation

Use IP Address Redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\SessionDirectoryExposeServerIP

Configure RD Connection Broker farm name

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**SessionDirectoryClusterName**

Join RD Connection Broker

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**SessionDirectoryActive**

Require secure RPC communication

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEncryptRPCTraffic**

Allow time zone redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEnableTimeZoneRedirection**

Do not allow smart card device redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fEnableSmartCard**

Specify RD Session Host server fallback printer driver behavior

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fPolicyFallbackPrintDriver**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**FallbackPrintDriverType**

Do not allow client printer redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableCpm**

Do not allow video capture redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableCameraRedir**

Do not allow supported Plug and Play device redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisablePNPRedir**

Do not allow LPT port redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableLPT**

Do not allow drive redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableCdm**

Use Remote Desktop Easy Print printer driver first

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**UseUniversalPrinterDriverFirst**

Do not set default client printer to be default printer in a session

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fForceClientLptDef**

Do not allow COM port redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableCcm**

Do not allow Clipboard redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableClip**

Allow audio recording redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableAudioCapture**

Limit audio playback quality

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**AllowedAudioQualityMode**

Allow audio and video playback redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fDisableCam**

Prevent license upgrade

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fPreventLicenseUpgrade**

License server security group

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fSecureLicensing**

Limit the size of the entire roaming user profile cache

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**DeleteRoamingUserProfile**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**MonitoringInterval**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ProfileDirectoryQuota**

Use mandatory profiles on the RD Session Host server

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WFDontAppendUserNameToProfile

Set path for Remote Desktop Services Roaming User Profile

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WFProfilePath

Set Remote Desktop Services User Home Directory

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WFHomeDirUNC
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WFHomeDir
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WFHomeDirDrive

Always show desktop on connection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fTurnOffSingleAppMode

Do not allow local administrators to customize permissions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fWritableTSCCPPermTab

Start a program on connection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\InitialProgram
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\WorkDirectory

Restrict Remote Desktop Services users to a single Remote Desktop Services session

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fSingleSessionPerUser

Set rules for remote control of Remote Desktop Services user sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\Shadow

Limit number of connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxInstanceCount

Set the Remote Desktop licensing mode

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\LicensingMode

Hide notifications about RD Licensing problems that affect the RD Session Host server

<ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\DisableTerminalServerTooltip
<div>Use the specified Remote Desktop license servers</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\LicenseServers
<div>Configure keep-alive connection interval</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\KeepAliveEnable◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\KeepAliveInterval
<div>Deny logoff of an administrator logged in to the console session</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\DisableForcibleLogoff
<div>Enforce Removal of Remote Desktop Wallpaper</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\NoRemoteDesktopWallpaper
<div>Limit maximum display resolution</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxXResolution◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxYResolution◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\XResolution◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\YResolution
<div>Allow users to connect remotely by using Remote Desktop Services</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\DenyTSConnections
<div>Limit number of monitors</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MaxMonitors
<div>Limit maximum color depth</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ColorDepth
<div>Automatic reconnection</div> <ul style="list-style-type: none">◦ HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\DisableAutoReconnect

Server authentication certificate template

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\CertTemplateName

Require user authentication for remote connections by using Network Level Authentication

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\UserAuthentication

Require use of specific security layer for remote (RDP) connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\SecurityLayer

Always prompt for password upon connection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fPromptForPassword

Set client connection encryption level

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\MinEncryptionLevel

Do not allow passwords to be saved

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\DisablePasswordSaving

Allow UI Automation redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\EnableUiaRedirection

Do not allow location redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fDisableLocationRedir

Do not allow font smoothing

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\fNoFontSmoothing

Set time limit for logoff of RemoteApp sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\RemoteAppLogoffTimeLimit

Redirect only the default client printer

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**RedirectOnlyDefaultClientPrinter**

[Use RD Connection Broker load balancing](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ParticipateInLoadBalancing**

[Allow desktop composition for remote desktop sessions](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowDesktopCompositionOnServer**

[Allow remote start of unlisted programs](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowUnlistedRemotePrograms**

[Select RDP transport protocols](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**SelectTransport**

[Select network detection on the server](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**SelectNetworkDetect**

[Enable Remote Desktop Protocol 8.0](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fServerEnableRDP8**

[Configure RemoteFX Adaptive Graphics](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**GraphicsProfile**

[Configure image quality for RemoteFX Adaptive Graphics](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ImageQuality**

[Do not use temporary folders per session](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**PerSessionTempDir**

[Do not delete temp folder upon exit](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**DeleteTempDirsOnExit**

[Do not allow local administrators to customize permissions](#)

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **fWritableTSCCPPermTab**

Limit the size of the entire roaming user profile cache

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- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **WFHomeDir**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **WFHomeDirDrive**

Set the Remote Desktop licensing mode

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **LicensingMode**

Hide notifications about RD Licensing problems that affect the RD Session Host server

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **fDisableTerminalServerTooltip**

Use the specified Remote Desktop license servers

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **LicenseServers**

Allow time zone redirection

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **fEnableTimeZoneRedirection**

Use the hardware default graphics adapter for all Remote Desktop Services sessions

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services\ **bEnumerateHWBeforeSW**

Offer Remote Assistance

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowUnsolicited**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowUnsolicitedFullControl**

Solicited Remote Assistance

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowToGetHelp**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fAllowFullControl**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**MaxTicketExpiry**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**MaxTicketExpiryUnits**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**fUseMailto**

Customize Warning Messages

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**UseCustomMessages**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ShareControlMessage**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**ViewMessage**

Turn on bandwidth optimization

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**UseBandwidthOptimization**
- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**OptimizeBandwidth**

Allow only Vista or later connections

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**CreateEncryptedOnlyTickets**

Turn on session logging

- HKEY_LOCAL_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Terminal Services**LoggingEnabled**