




FSLogix Profiles Configuration Settings



 [Per User-Group Configuration Settings](#) can be made that override the default settings.






The admin can choose to manage the settings via [Group Policy Template Files](#), or direct registry access, or both.

Direct Registry Settings

Registry Key: `HKLM\SOFTWARE\FSLogix\Profiles`

Value Name	Value Type	Default Setting	Description
AccessNetworkAsComputerObject	DWORD	0	0: default – attach as user. 1 – attach as computer; folder must have permissions for computer objects.
AttachVHDSSDL	REG_SZ		SDDL string representing the ACLs to use when attaching the VHD. See the What are ACLs and SDDL? appendix for more information.
CCDLocations	REG_SZ		See FSLogix Cloud Cache Configuration Settings for details about configuring.
CheckLocationsForCreate	DWORD	1	1: check locations. 0: don't check. When the FSLogix Profiles system decides that it needs to create a VHD/X for the user, return the first location in VHDLocations where the user has create access.
ClearCacheOnLogoff	DWORD	0	By default, the Local Cache file will not be removed when the user logs off. If a user utilizes a system where it is desirable to have the Local Cache file deleted when they logoff, please set ClearCacheOnLogoff to 1 Note: this setting only applies when CCDLocations is used.
ConcurrentUserSessions	DWORD	1	0: don't handle concurrent sessions (Note: this is almost never turned off. See detail below.). 1 : handle concurrent sessions on the same machine. (For concurrent sessions across different servers please see the setting ProfileType below).  Note: If you are using the Windows server feature to allow concurrent logins for the same Windows account on the same server (seen most often with Citrix XenApp), you must have this set to 1. In Citrix this is almost always on so only turn off if there is something very specific to handle.
DeleteLocalProfileWhenVHDShouldApply	DWORD	0	0: no deletion. 1: delete local profile if exists and matches the profile being loaded from VHD.  Please use caution with this setting. When the FSLogix Profiles system determines that a user should have a FSLogix profile but a local profile exists, the local profile WILL BE REMOVED and the user logged on with the FSLogix profile.
DiffDiskParentFolderPath	REG_SZ	%TEMP%	Specifies the path where difference disks will be created (when ProfileType is configured to use them). Variables may be used in this value. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, %clientname%, and any environment variable.
Enabled (required setting)	DWORD	0	1: Profile system enabled. 0: Profile system disabled.
FlipFlopProfileDirectoryName	DWORD	0	When set to '1' the SID folder is created as "%username%_%sid%" instead of the default "%sid%_%username%". Note that using this setting has the same effect as setting SIDDirNamePattern = "%username%_%sid%" and SIDDirNameMatch = "%username%_%sid%".
IsDynamic	DWORD	1	If set to '1' the VHD(X) that is created will be dynamic. If set to '0' the created VHD(X) will be fixed size.
KeepLocalDir	DWORD	0	If set to '1' the "local_%username%" folder will be left on the system after logoff and will also be used again if the same user logs on again.
LockedRetryCount	DWORD	12	Specifies the number of retries to perform when a VHD(X) file is locked (open by another process or computer).
LockedRetryInterval	DWORD	5	Specifies the number of seconds to wait between retries (see LockedRetryCount).

NoProfileContainin gFolder	DWORD	0	If set to '1' the FSLogix Profiles system will not use or create a SID containing folder for the VHD(X) file. This is intended for situations where the storage provides a location that is already unique per-user. The default settings for matching VHD names will not work correctly if this setting is enabled and VHDs for multiple users are stored in the same location.
OutlookC achedMo de	DWORD	1	<p>If set to '1' and the Profile Container is successfully attached, the Outlook setting that enables cached mode will be temporarily set until the container is detached. This can be used to ensure that cached mode is only used when the container is attached. '0' prevents FSLogix from doing anything with cached mode.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  In order for this feature to work, Outlook must be configured for online mode, which ensures that if FSLogix gets disabled that large OST files will not be downloaded. <pre style="margin-top: 5px;">HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\office\16.0\Outlook\OST\NoOST:DWORD = 2</pre> </div>
PreventL oginWith Failure	DWORD	0	If set to 1 Profile Container will load FRXShell if there is a failure attaching to, or utilizing an existing profile VHD(X). The user will receive the FRXShell prompt - default prompt to call support, and the users only option will be to logout.
PreventL oginWith TempPro file	DWORD	0	If set to 1 Profile Container will load FRXShell if it is determined that a temp profile has been created. The user will receive the FRXShell prompt - default prompt to call support, and the users only option will be to logout.
ProfileDir SDDL	REG_SZ		<p>SDDL string representing the ACLs to use when creating the profile directory (e.g. " C:\Users\% username% "). See the Wh at are ACLs and SDDL? appendix for more information.</p> <p>Variables may be used in this SDDL string. Variable names are delimited with '%' characters. Supported variables are % username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, % clientname%, and any environment variable.</p> <p>The most common of these variables used will likely be sid and in the SDDL this would be specified as %sid% in order for it to be processed and replaced.</p>
ProfileTy pe	DWORD	0	<p>A value of '0' (default) means normal profile behavior. A value of '1' means that this machine should only be the RW profile instance. A value of '2' means that this machine should only be the RO profile instance. A value of '3' means that the machine should try to take the RW role and if it can't, it should fall back to a RO role.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  All sessions trying to use the VHD <i>concurrently</i> must have a ProfileType of 1, 2, or 3. If the VHD is not accessed concurrently, ProfileType should be 0. </div>
ReAttach RetryCou nt	DWORD	60	Specifies the number of times the system should attempt to re-attach the VHD(X) container if it is disconnected unexpectedly.
ReAttach IntervalS econds	DWORD	10	Specifies the number of seconds to wait between retries when attempting to re-attach the VHD(X) container if it is disconnected unexpectedly.
RebootO nUserLo goff	DWORD	0	A value of '0' means, "Take no action". A value of '1' means, "Reboot when any user logs off", a value of '2' means, "Reboot when a FSLogix Profile user logs off".
Redirect Type	DWORD	2	A value of '1' means, "Use legacy redirection". A value of '2' (default) means, "Use FSLogix advanced redirection".
RedirXM LSource Folder	REG_SZ		RedirXMLSourceFolder = <path to File System e.g. "\\someserver\someshare"> If the folder contains a redirections.xml, it will be copied to the local profile and immediately used. Variable names are delimited with '%' characters. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, % clientname%, and any environment variable.
Remove Orphane dOSTFile sOnLogo ff	DWORD	0	A value of '0' or lack of this setting results in no action. A value of '1' will cause duplicate OST files to be removed. Please read below in full prior to setting. In rare cases duplicate OST files are created for a user. This circumstance occurs outside of the use of a non-persistent profile. When the profile is stored in the standard file system, administrators may remove Orphaned or Stale OST files by deleting them. Because an OST file in a VHD is not as visible, over long periods of time duplicate OST files may consume incremental disk space. Setting this option to 1 will cause Profile Container and/or Office 365 Container to automatically remove all OST files in a VHD(X) except the OST with the latest modify date. NOTE: an administrator should be very familiar with the use and function of OST files, as well as potential implications, prior to choosing to enable this setting.
RoamSe arch	DWORD	0	Used to control the FSLogix Search Roaming feature. Set to '1' or '2' to enable the feature. See Roaming the Windows Search Database for details.
SetTemp ToLocalP ath	DWORD	3	A value of '0' means, "Take no action". A value of '1' means, "Redirect TEMP and TMP to the local drive". A value of '2' means, "Redirect INetCache to the local drive". A value of '3' means, "Redirect TEMP, TMP, and INetCache to the local drive."
Shutdow nOnUser Logoff	DWORD	0	A value of '0' means, "Take no action". A value of '1' means, "Shutdown when any user logs off", a value of '2' means, "Shutdown when a FSLogix Profile user logs off".

SIDDirNameMatch	REG_SZ	%sid%_%username%	<p>Specifies a string pattern used to match (find) the SID directory. Variable names are delimited with '%' characters. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, %clientname%, and any environment variable.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  In almost all cases SIDDirNameMatch and SIDDirNamePattern should match. Unless there is a well understood use case that requires these settings to be different, please verify SIDDirNameMatch and SIDDirNamePattern are the same when setting either. </div>
SIDDirNamePattern	REG_SZ	%sid%_%username%	<p>Specifies a string pattern used when creating a SID container folder. Variable names are delimited with '%' characters. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, %clientname%, and any environment variable.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  In almost all cases SIDDirNameMatch and SIDDirNamePattern should match. Unless there is a well understood use case that requires these settings to be different, please verify SIDDirNameMatch and SIDDirNamePattern are the same when setting either. </div>
SIDDirSDDL	REG_SZ		SDDL string representing the ACLs to use when creating the SID container folder. See the What are ACLs and SDDL? appendix for more information.
SizeInMBs	DWORD	30000 (30 GBs)	Specifies the size of newly created VHD(X) in number of MBs.
VHDNameMatch	REG_SZ	Profile*	<p>Specifies a string pattern used to match (find) the profile VHD(X) file. Variable names are delimited with '%' characters. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, %clientname%, and any environment variable.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  In almost all cases, if VHDNameMatch and VHDNamePattern are changed from the default they should match. Unless there is a well understood use case that requires these settings to be different, please verify VHDNameMatch and VHDNamePattern are the same when changing either setting. </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  Beginning in 2.9.4 VHDNameMatch appends either .vhd or .vhdx to the Name Match string. Prior to 2.9.4 this search used a .* rather than specifying the file type. the VolumeType setting will determine which file type is appended. </div>
VHDNamePattern	REG_SZ	Profile_%username%	<p>Specifies a string pattern used when creating a profile VHD(X) file. Variable names are delimited with '%' characters. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, %clientname%, and any environment variable.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  In almost all cases, if VHDNameMatch and VHDNamePattern are changed from the default they should match. Unless there is a well understood use case that requires these settings to be different, please verify VHDNameMatch and VHDNamePattern are the same when changing either setting. </div>
VHDLocations (required setting)	REG_SZ / MULTI_SZ		<p>A list of file system locations to search for the user's profile VHD(X) file. If one is not found, one will be created in the first listed location. If the VHD path does not exist it will be created before it checks if a VHD(X) exists in the path. These values can contain variables which will be resolved. Supported variables are %username%, %userdomain%, %sid%, %osmajor%, %osminor%, %osbuild%, %osservicepack%, %profileversion%, and any environment variable.</p> <p>When specified as a REG_SZ value, multiple locations can be separated with a semi-colon.</p>
VHDXSectorSize	DWORD	0 (system default)	Sector size to use if the file being created is a VHDX. Currently can only be 512 (0x200) or 4096 (0x1000).
VolumeType	REG_SZ	"vhd"	A value of "vhd" means that newly created files should be of type VHD. A value of "vhdx" means that newly created files should be of type VHDX.
VolumeWaitTimeMS	DWORD	20000 (20 seconds)	Specifies the number of milliseconds the system should wait for the volume to arrive after the VHD(X) has been attached.