

# Office 365 Configuration Settings




Per User / Per 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\Policies\FSTLogix\ODFC`

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.
AttachVHDSDDL	REG_SZ		SDDL string representing the ACLs to use when attaching the VHD. See the <a href="#">What are ACLs and SDDL?</a> appendix for more information.
CCDLocations	REG_SZ		See <a href="#">FSTLogix Cloud Cache Configuration Settings</a> for details about configuring.
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. 1 : handle concurrent sessions.  <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  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.         </div>
DiffDiskParentFolderPath	REG_SZ	%TEMP%	Specifies the path where difference disks will be created (when VHDAccessMode 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: O365 Container system enabled. 0: O365 Container 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 <b>SIDDirNamePattern</b> = "%username%_%sid%" and <b>SIDDirNameMatch</b> = "%username%_%sid%".
IncludeOfficeActivation	DWORD	1	1: Office activation data is redirected to the container. 0: Office activation data is not redirected to the container.
IncludeOfficeFileCache	DWORD	1	1: Office Cache Data is redirected to the container. 0: Office Cache Data is not redirected to the container.  <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;">  Note: This setting is specific to Office 2016.         </div>
IncludeOneDrive	DWORD	1	1: OneDrive cache is redirected to the container. 0: OneDrive cache is not redirected to the container.
IncludeOneNote	DWORD	0	1: OneNote notebook files are redirected to the container. 0: OneNote notebook files are not redirected to the container.
IncludeOneNote_UWP	DWORD	0	1: OneNote UWP notebook files are redirected to the container. 0: OneNote UWP notebook files are not redirected to the container.
IncludeOutlook	DWORD	1	1: Outlook data is redirected to the container. 0: Outlook data is not redirected to the container.

IncludeOutlookPersonalization	DWORD	1	1: Outlook personalization data is redirected to the container. 0: Outlook personalization data is not redirected to the container.
IncludeSharepoint	DWORD	1	1: Sharepoint data is redirected to the container. 0: Sharepoint data is not redirected to the container.
IncludeSkype	DWORD	1	1: Skype for Business Global Address List is redirected to the container. 0: Skype for Business Global Address List is not redirected to the container.
IncludeTeams	DWORD	0	1: Teams data is redirected to the container. 0: Teams data is not redirected to the container. NOTE: User will be required to sign in to teams at the beginning of each session.
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.
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 (set by LockedRetryCount above).
MirrorLocalOSTtoVHD	DWORD	0	<ul style="list-style-type: none"> <li>A value of '0' means do nothing with an existing OST file.</li> <li>A value of '1' means when a new VHD is created and there are contents in the local OST folder, they will be copied to the VHD before the user is given access.</li> <li>A value of '2' means when a new VHD is created and there are contents in the local OST folder, they will be moved to the VHD before the user is given access.</li> </ul>
NoProfileContainingFolder	DWORD	0	If set to '1' the FSLogix O365 Container 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.
NumSessionVHDsToKeep	DWORD	2	This setting is used when VHDAccessMode is set to '3'. This controls the number of session VHDs that are persistent. For example, if this is set to '2' and the user creates a 3rd session, a new session VHD will be created and used, but it will be deleted when the 3rd session ends.
OutlookCachedMode	DWORD	1	<p>If set to '1' and the O365 Container is successfully attached, the Outlook setting that enables cached mode and length of cache (typically set via an MS GPO) will not be disabled by the registry entry given below. 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: 10px; margin: 10px 0;">  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="background-color: #f0f0f0; padding: 5px; margin: 5px 0;">HKEY_LOCAL_MACHINE\Software\Policies\Microsoft\office\16.0\Outlook\OST\NoOST:DWORD = 2</pre> <p>Please see this KB for a walk through of how these settings (OutlookCachedMode and the NoOST registry entry) may be used together - <a href="#">First session cached, subsequent sessions use on-line mode</a>.</p> </div>
OutlookFolderPath	REG_SZ		The path to the user's Outlook folder. Default is "%userprofile%\AppData\Local\Microsoft\Outlook"
PreventLoginWithFailure	DWORD	0	If set to 1 Office 365 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.
PreventLoginWithTempProfile	DWORD	0	If set to 1 Office 365 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.
ReAttachRetryCount	DWORD	60	Specifies the number of times the system should attempt to re-attach the VHD(X) container if it is disconnected unexpectedly.
ReAttachIntervalSeconds	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.
RedirectType	DWORD	2	A value of '1' means, "Use legacy redirection". A value of '2' (default) means, "Use FSLogix advanced redirection".
RemoveOrphanedOSTFilesOnLogout	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.
RoamSearch	DWORD	0	Used to control the FSLogix Search Roaming feature. Set to '1' or '2' to enable the feature. See <a href="#">Roaming the Windows Search Database</a> for details.

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>
SizeInMBs	DWORD	30000 (30 GBs)	Specifies the size of newly created VHD(X) in number of MBs.
VHDAccessMode	DWORD	0	<ul style="list-style-type: none"> <li>A value of '0' (default) means <b>normal direct access behavior</b>. This is the simplest access model, but only allows one concurrent session.</li> <li>A value of '1' means that a difference disk will be used and stored on the network. This allows for simultaneous session access. This mode should not be used if the O365 Container is being used with Outlook Cached Exchange mode.</li> <li>A value of '2' means that a difference disk will be used and stored on the local machine. This allows for simultaneous session access. This mode should not be used if the O365 Container is being used with Outlook Cached Exchange mode.</li> <li>A value of '3' means that a unique VHD(X) will be used for each concurrent session. These VHD(X) files will typically persist so that they can be used the next time a user creates a session. To control the number of VHD(X) files that will persist, see the <code>NumSessionVHDsToKeep</code> setting.</li> </ul> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;">  If the O365 Container is being used with Outlook Cached Exchange mode, VHDAccessMode 0 or 3 must be used. More detail on these options is available <a href="#">here</a>. </div>
VHDNameMatch	REG_SZ	ODFC*	<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	ODFC_%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.

