

## FSLogix Group Policy Settings – Profile & Office Container - Policies Best Practices

### Profile Container Policies

Container Type	FSLogix GP Settings Path	Settings	Value/Enable/Disable	Description
General	Computer Configuration/Policies/Windows Settings/Restricted Groups or through group Policy preferences	Enable	Exclude for Administrators Group	FSLogix Profile Include List-Default .\Everyone FSLogix Profile Exclude List - No one Added FSLogix ODFC Include List-Default .\Everyone FSLogix ODFC Exclude List
General	Computer Configuration/Administrative Templates/FSLogix	Enable Logging	All logs enabled	Enables logging of FSLogix software activity.
General	Computer Configuration/Administrative Templates/FSLogix	Path to Logging Files	If path need to change then enable	Specifies the location where log files should be stored. Local and UNC paths are accepted. Default is %ProgramData%\FSLogix\Logs.
General	Computer Configuration/Administrative Templates/FSLogix	Days to keep Log File	7	Specifies how many days worth of log files to keep before being cleaned up.
General	Computer Configuration/Administrative Templates/Cloud Cache	CacheDirectory	it is not possible to rely on GPOs to set CacheDirectory in environments where a GoldImage is applied at boot. HKLM\SYSTEM\CurrentControlSet\Services\frxccds\Parameters	CacheDirectory specifies the location of the Local Cache file. By default, the local Cache file will be placed in C:\ProgramData\FSLogix\Cache.

Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Profile Type	Normal direct-access profile	Controls whether the VHD/X file should be accessed directly, if a difference disk should be used, and if Read/Write or Read Only access should be used. Normal direct-access profile - if user is not using multi apps from different servers Read only Profile, Read Write profile, Try for Read-write and fall back to read only
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Store search database in profile container - Refer next sheet	Disable - For all Windows Server 2019 Enable - For all Windows VDI	
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Enable	Enabled	
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	VHD Locations	Enabled	Specifies the network location where the VHD(X) files are stored. For example, \\servername\share\containers.
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Dynamic VHD(X) allocation	Enabled	
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Delete local profile when FSLogix Profile	Enabled	Please use caution with this setting. When the FSLogix Profiles system determines that a user should have a

		should apply		FSLogix profile but a local profile exists, the local profile WILL BE REMOVED and the user logged on with the FSLogix profile.
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Size in MB's	Enabled	Specify the size for auto-created VHD(X) files. Default is 30,000 (30 GBs).
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers	Allow concurrent user sessions	Enabled based on requirement	Enable FSLogix to handle concurrent user sessions on the same machine. 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 enable this policy.
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Advanced/	Locked VHD retry count	Enabled Value -3	Specifies the number of retries to perform when a VHD(X) file is locked (open by another process or computer).
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Advanced/	Volume re-attach retry interval	Enabled Value -3	When a VHD/X volume is detached unexpectedly, the FSLogix system will attempt to re-attach the volume. This value specifies how many times to retry.
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Advanced/	Prevent login with failure	Enabled	Prevent user login when a failure occurs while attaching an FSLogix container.
Profile Containers	Computer Configuration/Administrative	Prevent login with	Enabled	Prevent user login when a user receives a

	Templates/FSLogix/Profile Containers/Advanced/	temporary profile		temporary Windows profile.
Profile Containers	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Advanced/	Provide RedirXML file to customize redirections	Enable based on requirement	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.
Profile Containers	Computer Configuration/Policies/Administrative Templates/FSLogix/Profile Containers/Container and Directory Naming/	Swap directory name components	Enabled	When checked causes new containing directories to be named with the user name first followed by the SID.
Profile Containers	Computer Configuration/Policies/Administrative Templates/FSLogix/Profile Containers/Container and Directory Naming/	Virtual disk type	Enabled -VHDX	
Cloud Cache	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Cloud Cache	Clear local cache on logoff	Enabled if this feature requires	

Cloud Cache	Computer Configuration/Administrative Templates/FSLogix/Profile Containers/Cloud Cache	Cloud Cache Locations	Enabled if this feature requires	With cloud cache, profiles will replicate automatically by giving 2 SMB share paths Either VHD locations or CCD location should enable and not both
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### Office Container Policies

Container Type	FSLogix GP Settings Path	Settings	Value/Enable/Disable	Description
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Size in MB's	Enabled Size based on requirement	Specify the size for auto-created VHD(X) files. Default is 30,000 (30 GBs).
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	VHD Locations	Enabled Enable different share path as a best practices	Specifies the network location where the VHD(X) files are stored. For example, \\servername\share\containers.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Virtual Disk Type	Enabled VHDX	
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Include Office activation data in container	Enabled	When Enabled is checked, the Office license activation data will be included in the Office 365 Container.

Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Include Outlook data in container	Enabled	When Enabled is checked, the Outlook data files will be included in the Office 365 Container.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Include OneDrive/Teams/Share point data in container	Enabled (Enabled based on requirement)	When Enabled is checked, the OneDrive cache will be included in the Office 365 Container.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Number of per-Session VHDs to persist	Enabled (Optional based on requirement)	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.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	VHD access type	<ul style="list-style-type: none"> <li>.Difference disk stored on local machine</li> <li>.Difference disk stored on network</li> <li>.Direct access</li> <li>.Unique disk per session</li> </ul> Enabled based on requirement	Controls whether the VHD/X file should be accessed directly or whether a difference disk should be used.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Store search database in Office 365 container	Multi-user search Single-user search	Do not apply any of the settings below if you are deploying Server 2019. 2019 will roam the windows search out of the box.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Set Outlook cached mode on successful container attach	Enabled (Must)	If this feature is enabled and the Office365 Container is successfully attached, the Outlook setting that enables cache mode is temporarily set for the current session until the container is

				removed. This ensures that the cache mode is only used when the container is attached
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Dynamic VHD(X) allocation	Enabled (Must)	If Dynamic VHD(X) allocation is enabled, the VHD(X) files are assigned dynamically. This means that the file size of the VHD(X) file only grows when data is added to the Office365 Container. If this option is not enabled, automatically created VHD(X) files will be directly allocated to the full data storage space
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container	Allow concurrent user sessions	Enabled Based on requirement	This setting should be used when the target system is multi-session and allows simultaneous logins for the same Windows account on the same server
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container/Advanced	Locked VHD retry count	Enabled Value -3	Specifies the number of retries to perform when a VHD(X) file is locked (open by another process or computer).
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container/Advanced	Volume re-attach retry interval	Enabled Value -3	When a VHD/X volume is detached unexpectedly, the FSLogix system will attempt to re-attach the volume. This value specifies how many times to retry.
Office Containers	Computer Configuration / Policies / Administrative Template / FSLogix / Office 365 Container/Container and	Swap directory name components	Enabled	When checked causes new containing directories to be named with the user name first followed by the SID.

	Directory Naming/			
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## Additional Best Practices

Delete any local profiles on the machine (not mandatory, but recommended as sometimes creates issues)
Create a group in AD called "APP_FSLogixProfiles_Exclude and add groups through preferences
Create the exclusions file (optional)
Create a new GPO just for FSLogix Profile settings (don't combine ODFC and profiles into one GPO)
post Fslogix Login , you will see <b>local_*user*</b> folder under c:\users
For exclusion test -Create some files in one of your excluded folders-Log out of the RDS and log back in
Office365 Container can be used parallel to existing profile methods (Roaming, UPM .Fslogix Profile container etc.)
Anti-Virus Exceptions C:\Program Files\FsLogix\Apps\frxdrv.sys and frxsvc.exe C:\Windows\TEMP\ Exclude .VHD and .VHDX

## Ref:

Cloud Cache registry configuration reference	<a href="https://docs.microsoft.com/en-us/fslogix/cloud-cache-configuration-reference">https://docs.microsoft.com/en-us/fslogix/cloud-cache-configuration-reference</a>
	<a href="https://www.amorales.org/2019/11/deploying-fslogix-profile-containers.html">https://www.amorales.org/2019/11/deploying-fslogix-profile-containers.html</a>
	<a href="https://virtualwarlock.net/how-to-install-the-fslogix-apps-agent/">https://virtualwarlock.net/how-to-install-the-fslogix-apps-agent/</a>
Windows Search in Server 2019 and Multi-Session Windows 10	<a href="https://jkindon.com/2020/03/15/windows-search-in-server-2019-and-multi-session-windows-10/">https://jkindon.com/2020/03/15/windows-search-in-server-2019-and-multi-session-windows-10/</a>
FSLogix in a Citrix Provisioning environment & Redirection file sample	<a href="https://www.sul.de/2019/04/05/fslogix-in-a-citrix-provisioning-environment/">https://www.sul.de/2019/04/05/fslogix-in-a-citrix-provisioning-environment/</a>
FAQ: How to use Office 365 and Profile Containers together	<a href="https://social.msdn.microsoft.com/Forums/en-US/028c48b2-1a98-4202-975b-e9125fdd9b6e/faq-how-to-use-office-365-and-profile-containers-together?forum=FSLogix">https://social.msdn.microsoft.com/Forums/en-US/028c48b2-1a98-4202-975b-e9125fdd9b6e/faq-how-to-use-office-365-and-profile-containers-together?forum=FSLogix</a>
FSLogix Container (Office/Profile) in Citrix Environments	<a href="https://www.deyda.net/index.php/en/2019/11/05/fslogix-container-office-profile-in-citrix-environments/#Office365_Container-2">https://www.deyda.net/index.php/en/2019/11/05/fslogix-container-office-profile-in-citrix-environments/#Office365_Container-2</a>