Calculate, show, or hide user disk quota

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT v7.4.11 and later

DISCUSSION

Disk space management is an important aspect of server administration. A disk quota is a limit set by a system administrator to restrict the amount of file space allocated to each user. Users do not have a specified disk quota by default. In EFT v7.4.13, to improve startup performance, disk quota is set to 0 upon EFT server service start, even when users have files in their folders. With this change, the EFT server service is not bogged down calculating every user's baseline at service startup. Once a user logs in to EFT, the disk quota is calculated for that user. Upon each upload/download by that user, the user's disk quota value is incremented or decremented accordingly. The resulting value is stored for that user (or template), and it becomes the new baseline. When the quota reaches the max specified in EFT, no more uploads are allowed. When files are added to a user's folder "out of process" (e.g., an administrator manually copies files to the user's folder), the size of the files is not added to the user's total until the next calculation. Therefore, what EFT sees as the new "Used disk space" value may not be the same as the actual size of the folder. This can also occur during parallel uploads from clients like CuteFTP, because EFT evaluates each request independently, not in aggregate, when determining whether the request exceeds the quota limit.

The administrator can manually initiate a baseline re-calculation by clicking **Recalculate** on the user account's **General** tab, or set the registry override described below to specify a re-baseline period. Another setting can be created to write to the EFT log after a period of seconds if the calculation takes longer than specified.

To specify the disk quota options, create the following registry settings or advanced properties

Registry path: **HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\GlobalSCAPE Inc.\EFT Server 7.4**

Type: DWORD

Cached: yes

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Backup/Restore: yes

Value name	Description	Values
ShowQuotaControls	Show or hide quota controls	**Type:** bool **Default Value:** false **Description:** Show quota controls
DiskQuotaBaselineCalculationFrequencyInDays	Specify, in days, how often EFT is to calculate used disk space.	**Type:** uint32_t **Default Value:** 1 **Minimum Value:** 0 **Maximum Value:** 30 **Description:** Disk quota baseline calculation frequency in days
DiskQuotaBaselineCalculationTimeoutInSec	Specify, in seconds, how long EFT is to wait for the disk calculation to complete.	**Type:** uint32_t **Default Value:** 20 **Minimum Value:** 1 **Maximum Value:** 4294967295 **Description:** Disk quota baseline calculation timeout in seconds
For versions prior to 7.4.13; not applicable to 7.4.13: **CalculateQuotaForNeverLoggedInUsers**	When defined, do not calculate disk quota for a user until their first log-in	**Type:** bool **Default Value:** true **Description:** Calculate disc quota for a user even if the user has never logged in.
CalculateQuotaForDisabledUsers	When defined, do not	**Type:** bool

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calculate disk quota for a user that is disabled

Default Value: true

Description: Calculate disc quota for a user even if the user account is disabled.

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