



# Limit Disk Usage On Users (Disk Quotas)

## Limit User's Disk Usage By Setting Disk Quotas

### **Description:**

Disk quotas are applied to specific users and limit the amount of disk space that user can use on a particular volume.

### **Environment of This Guide:**

System:

Windows 10 x64 professional Edition

Disk partitions:

C disk - system & software partition

D disk- public partition

E disk – private partition

The following guide applies to the above mentioned environment, configuration steps may vary depending on your actual application environment.

## **Disk Configuration Steps:**

- 1) Enter Local Group Policy Editor, enable disk quotas..
- 2) Set **Quotas for users** at the **Properties** of the disk partition.
- 3) Restart the host.

**Note:** This guide demonstrates a possible approach to extend the functionality of vCloudPoint's shared computing solution only. Group Policy and Disk Quotas are Windows system component. For further application of Windows Group Policy and Disk Quotas, please refer to Microsoft's related documents.

## **Detailed Configuration Steps:**

1) Log in the host with an **Admin account**, run **gpedit.msc** to open **Group Policy Editor**.

	Type the name of a program, folder, document, or Inter resource, and Windows will open it for you.
)pen:	gpedit.msc

 Computer Configuration->Administrative Template->System->Disk Quotas-> double click Enable disk quotas to open Disk Quota





Enable disk quotas	— 🗆 X
Enable disk quotas	Previous Setting Next Setting
Not Configured Comment:	^
) Disabled	
Supported on:	At least Windows 2000
otions:	Help:
	This policy setting turns on and turns off disk quota management on all NTFS volumes of the computer, and prevents users from changing the setting. If you enable this policy setting, disk quota management is turned on, and users cannot turn it off. If you disable the policy setting, disk quota management is turned off, and users cannot turn it on. If this policy setting is not configured, disk quota management is turned off by default, but administrators can turn it on.

#### 3) Select the **Enable** option, click **OK** to save the setting.

4) Open **My Computer**, select the disk partion you want to limit usage. In this guide we take **Private Disk (E:)** as an example. Right click and select **Properties**.



5) Select the **Quota** option, tick **Enable quota management** and **Deny disk space user to users exceeding quota limit**, select and enter the same number for **Limit the disk space** and **warning level**.

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O Do not limit disk usage			
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	-	C.D.	
Set warning level to	3	GB	~
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Select the quota logging option	ns for this v	olume:	
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#### Note:

- This operation only applies to the newly created user, you shall further do some configurations for the created users.
- The option of **Deny disk space to users exceeding quota limit** shall be selected, otherwise, only a reminder will be shown but no restriction will be taken when a user exceeds the available space.

6) If you have not created users, you can skip the following steps. If you have created users, you shall still configure **Quota Entries**. Click on the Quota Entries... option of the quota page of the previous step.



#### 7) Select **Quota** in the task bar to create new quota entry. Click **Advance**.

Users	Object Types
rom this location:	
DESKTOP-78477EP	Locations
nter the object names to select (examp	es):
	Check Names

# 8) Click **Find Now**, search for all the local users created, select and click **Ok** to save.

Select this object ty	/pe:	
Users		Object Types
From this location:		
DESKTOP-78477	EP	Locations
Common Queries		~
Name: S	Starts with 🖂	Columns
Description: S	Starts with 🖂	Find Now
Disabled acc	counts	Stop
Non expiring	password	
Days since last	logon:	PP
earch results:	/	OK Cancel
Search results:	In Folder	OK Cancel
Search results: ame JAdministrator	In Folder DESKTOP-7847	OK Cancel
iearch results: ame g Administrator g DefaultAccount	In Folder DESKTOP-7847 DESKTOP-7847	OK Cancel
Search results: Jame JAdministrator JDefaultAccount JGuest	In Folder DESKTOP-7847 DESKTOP-7847 DESKTOP-7847	OK Cancel
Search results: ame Administrator DefaultAccount Guest user1	In Folder DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847	OK Cancel
Search results: ame Administrator DefaultAccount Guest user1 user10	In Folder DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847	OK Cancel
Search results: ame Administrator DefaultAccount Guest user1 user10 user11	In Folder DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847 DESKTOP-7847	OK Cancel
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### 9) Confirm the selected users and click **OK.**

Users		Object Types
From this location:		
DESKTOP-78477EP		Locations
Enter the object names to select ( <u>examples</u> ):		
DESKTOP-78477EP\user11: DESKTOP-78477EP\u	user12:	Check Names
DESKTOP-78477EP\user13: DESKTOP-78477EP\u	user14:	

# 10) Quato Entry windows will pop up. Enter the number for disk space and warming level, then click **OK**.

<b>10</b>			
User: < Multiple >			
Set the quota limit for the sele	ected user(s):		
O Do not limit disk usage			
O Do not limit disk usage	5	GB	~
<ul> <li>Do not limit disk usage</li> <li>Limit disk space to</li> <li>Set warning level to</li> </ul>	5	GB GB	<b>&gt;</b>

11) Log in with a created user, from the File Explorer, you will see the the disk partion size is limited to the number you just set.

