Cotas Windows server 2016
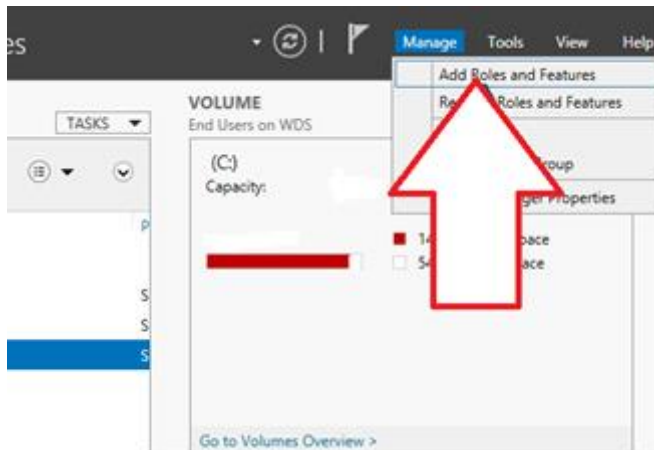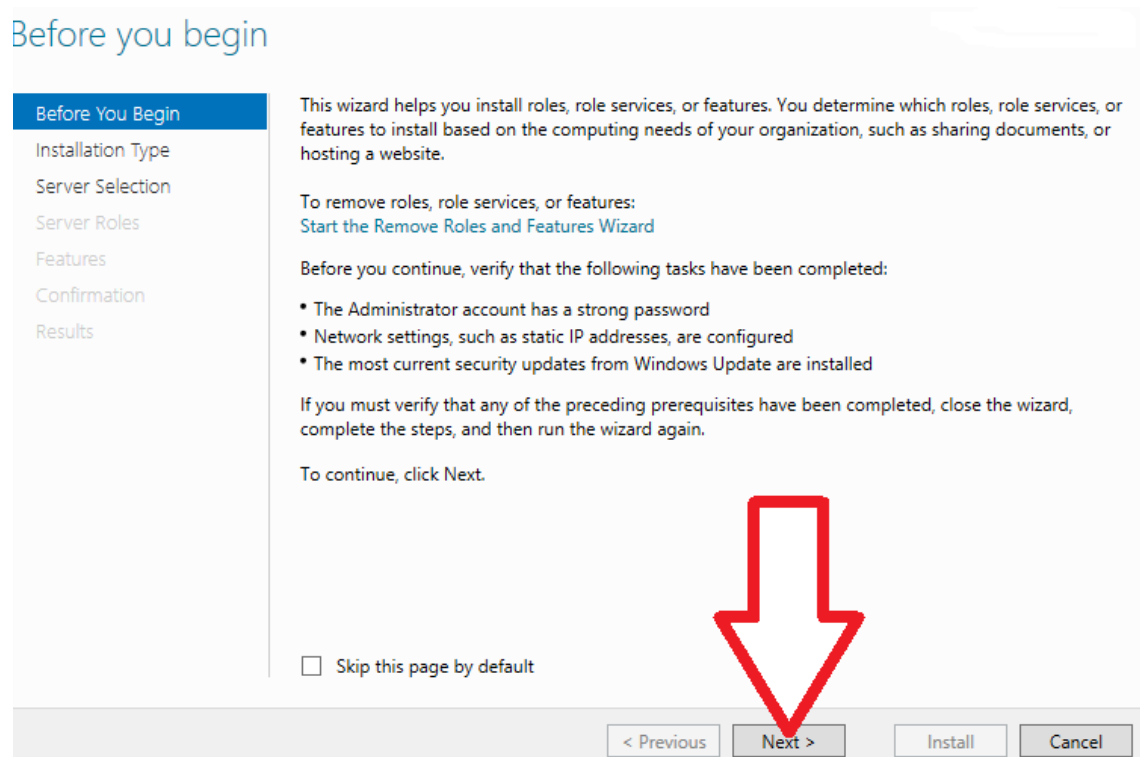

2. On the "Before You Begin" screen click "Next".

3. Select "Role-based or feature-based installation" and click "Next".

Select installation type

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

⦿ **Role-based or feature-based installation**
   Configure a single server by adding roles, role services, and features.

◯ **Remote Desktop Services installation**
   Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

[< Previous] [Next >] [Install] [Cancel]

4. Select your destination server and click "Next".

5. On the "Select Server roles" dashboard, expand "File and Storage Services" and "File and iSCSI Services".

Then, select "File Server Resource Manager" and click "Next".

Select server roles

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select one or more roles to install on the selected server.

Roles

⊿ ▣ File and Storage Services (2 of 12 installed)
   ⊿ ▣ File and iSCSI Services (1 of 11 installed)
      ☑ File Server (Installed)
      ☐ BranchCache for Network Files
      ☐ Data Deduplication
      ☐ DFS Namespaces
      ☐ DFS Replication
      ☑ File Server Resource Manager
      ☐ File Server VSS Agent Service
      ☐ iSCSI Target Server
      ☐ iSCSI Target Storage Provider (VDS and
      ☐ Server for NFS
      ☐ Work Folders
   ☑ Storage Services (Installed)

Description

File Server Resource Manager helps you manage and understand the files and folders on a file server by scheduling file management tasks and storage reports, classifying files and folders, configuring folder quotas, and defining file screening policies.

[< Previous] [Next >] [Install] [Cancel]

6. On the window that pops up, Click the "Add Features" button to incorporate the required features.

Click "Next".

Add features that are required for File Server Resource Manager?

The following tools are required to manage this feature, but do not have to be installed on the same server.

▲ Remote Server Administration Tools
  ▲ Role Administration Tools
    ▲ File Services Tools
      [Tools] File Server Resource Manager Tools

☑ Include management tools (if applica

[Add Features] [Cancel]

7. If you do not need to add any extra features, just leave the default settings and click "Next".
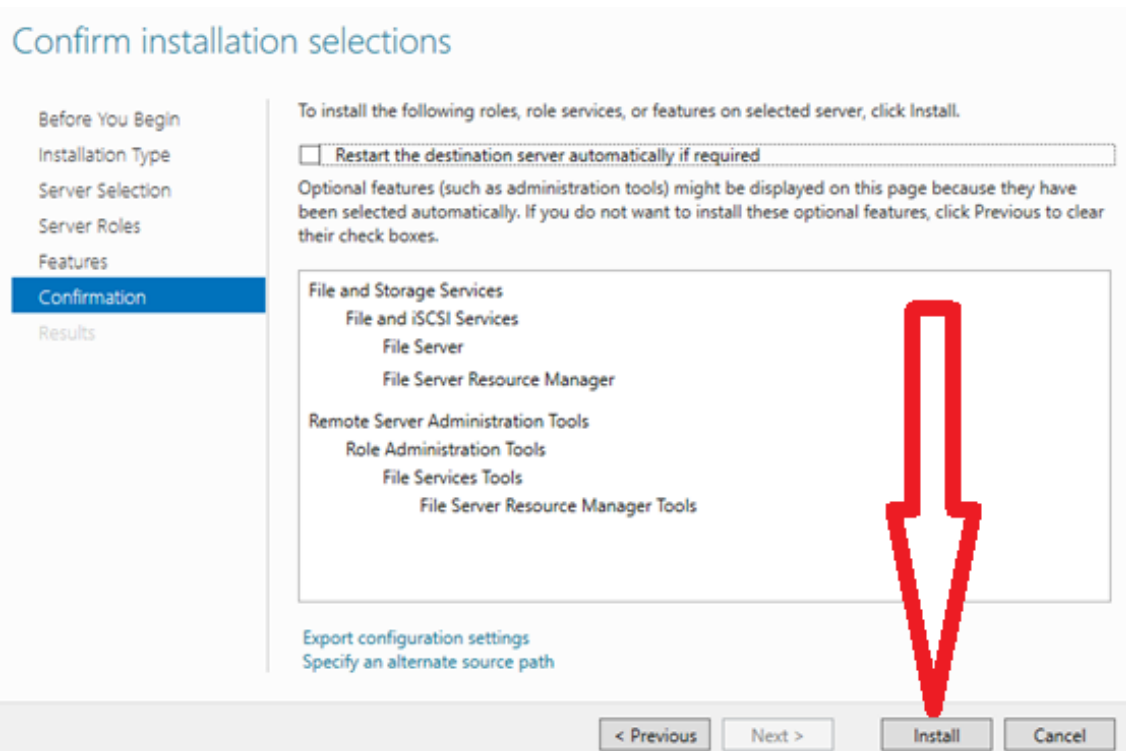
Select features

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

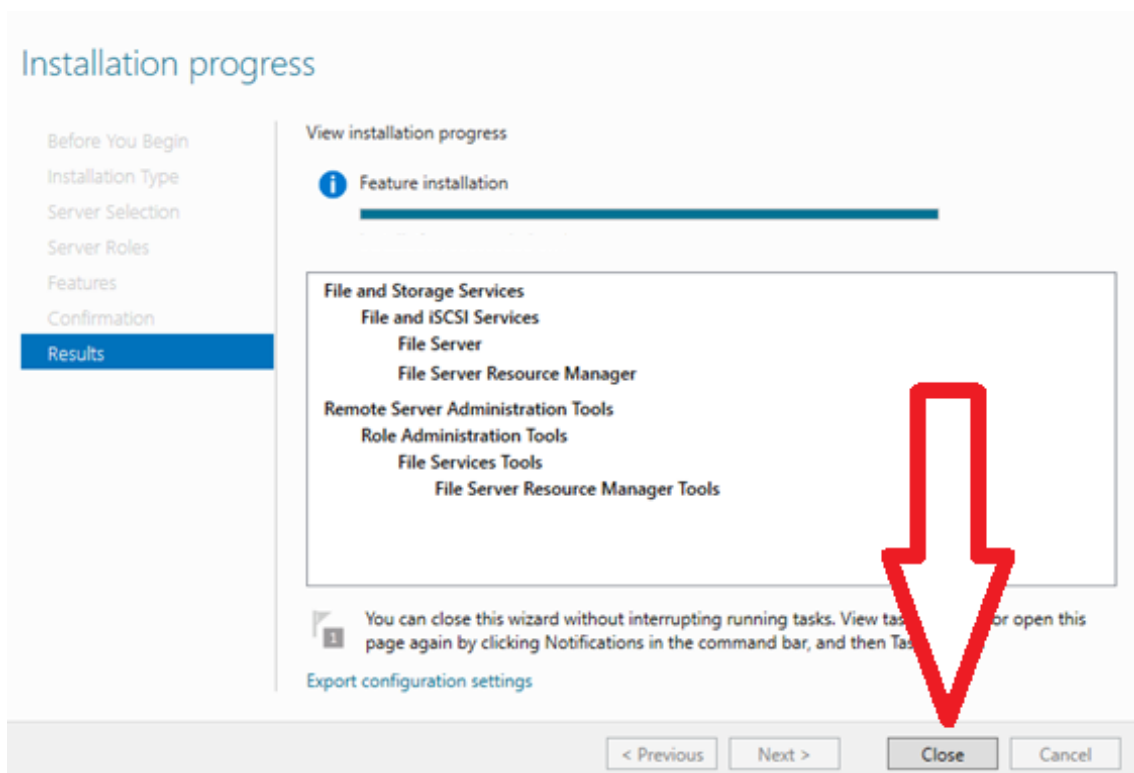Select one or more features to install on the selected server.

Features

▷ ☐ .NET Framework 3.5 Features
▷ ☑ .NET Framework 4.5 Features (2 of 7 installed)
▷ ☐ Background Intelligent Transfer Service (BITS)
☐ BitLocker Drive Encryption
☐ BitLocker Network Unlock
☐ BranchCache
☐ Client for NFS
☐ Data Center Bridging
☐ Direct Play
☐ Enhanced Storage
☐ Failover Clustering
☐ Group Policy Management
☐ IIS Hostable Web Core
☐ Ink and Handwriting Services

Description

.NET Framework 3.5 combines the power of the .NET Framework 2.0 APIs with new technologies for building applications that offer appealing user interfaces, protect your customers' personal identity information, enable seamless and secure communication, and provide the ability to model a range of business processes.

[< Previous] [Next >] [Install] [Cancel]

8. Confirm the installation selections and Click "Install" to start the process.

Confirm installation selections

Before You Begin
Installation Type
Server Selection
Server Roles
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Confirmation
Results

To install the following roles, role services, or features on selected server, click Install.

☐ Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

File and Storage Services
    File and iSCSI Services
        File Server
        File Server Resource Manager

Remote Server Administration Tools
    Role Administration Tools
        File Services Tools
            File Server Resource Manager Tools

Export configuration settings
Specify an alternate source path

< Previous   Next >   Install   Cancel

9. After the installation process is complete, click the "Close" button.

Installation progress

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

View installation progress

ⓘ   Feature installation

File and Storage Services
    File and iSCSI Services
        File Server
        File Server Resource Manager
Remote Server Administration Tools
    Role Administration Tools
        File Services Tools
            File Server Resource Manager Tools

You can close this wizard without interrupting running tasks. View ta[...]or open this
page again by clicking Notifications in the command bar, and then Ta[...]

Export configuration settings

< Previous   Next >   Close   Cancel

10. You can now access the File Server Resource Manager from the administrative interface and use it to create quotas.
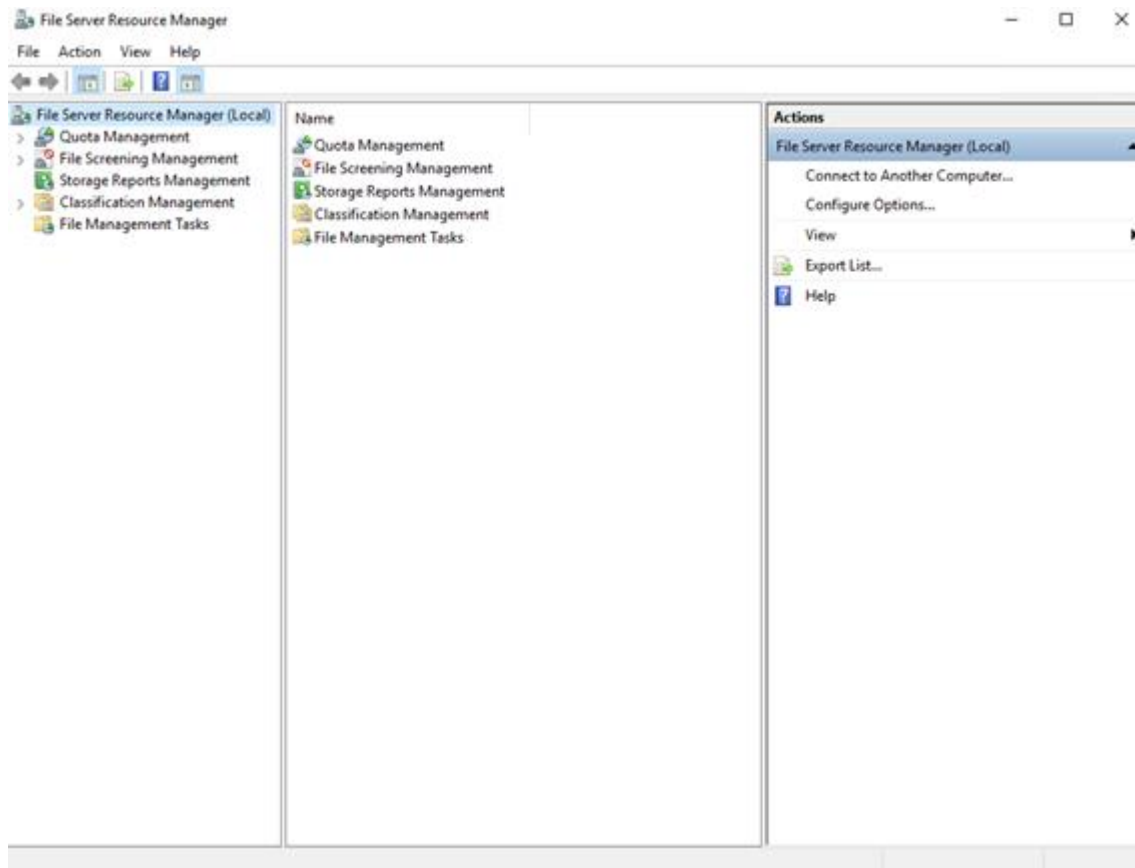
CREATING QUOTAS USING FSRM

As earlier mentioned, quota management enables you to set restrictions and define the extent of space available for users in the server. For example, you can limit all users to a maximum of 5GB on a shared folder. As such, the users cannot add data to the folder that exceeds 5GB.

You can also configure the File Server Resource Manager tool to be sending notifications whenever the specified usage limit is reached. For example, you can specify that an email is to be sent if 85% of the space has been consumed.

Creating quotas using the FSRM tool is a two-step process:

- Create a template
- Create a quota

a) Create a template

Before setting quotas, you need to either create a quota template or choose a default template already available on the File Server Resource Manager tool.

It is recommended that you create quotas solely from templates. This way, you can easily manage your quotas by making changes to the templates rather than the individual quotas. The one central location for managing quotas eases the enactment of storage policy rules.

Here are the steps for creating a quota template.

1. Under the "Quota Management" Section, right-click the "Quota Templates" button and go for "Create Quota Template".
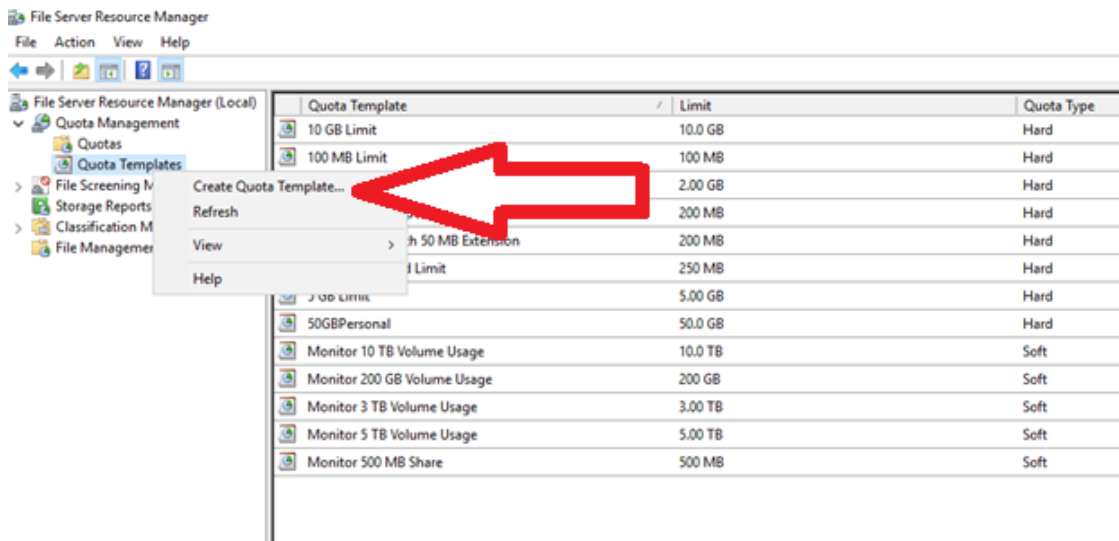
2. On the window that pops up, enter the Template name and the space limit. If you choose the "Hard quota" option, users will be unable to surpass the specified limit. A hard quota is good for controlling the amount of data allowed on a folder or a disk.

On the other hand, if you select the "Soft quota" option, users will be able to exceed the allocated limit. A soft quota is mostly used for monitoring space usage and producing notifications.
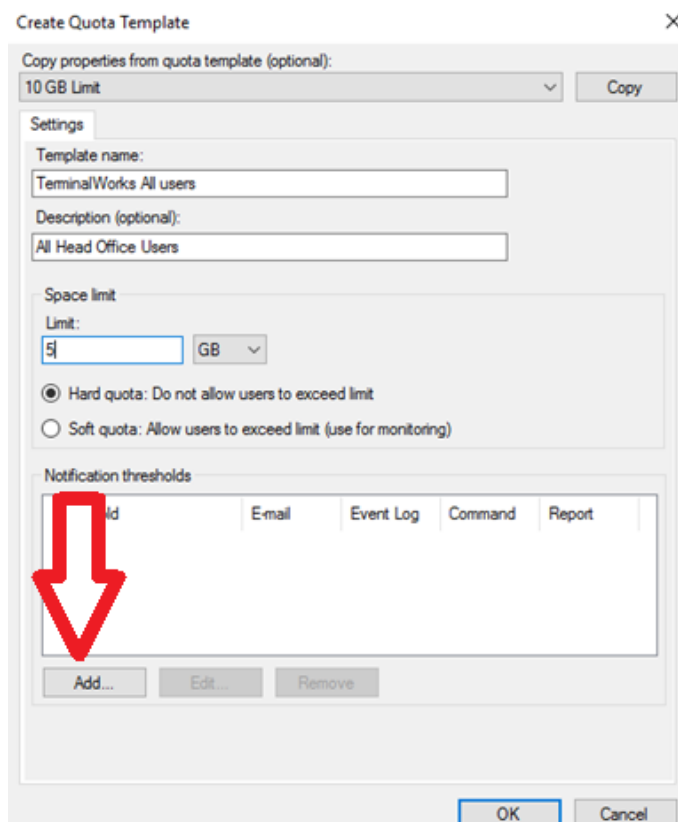
3. Lastly, to set notification thresholds, press the "Add" button. On the window that pops up, input your notification specifications.

You can specify that an email is to be sent, an entry is to be made to the event log, a command is to be run, or a report is to be generated. For example, you can state that whenever usage reaches 85%, send an email message to the administrator.

Thereafter, click "OK" to complete creating the quota template.

b) Create a quota

After setting up the quota template or using a default quota template, you need to create the quota.

Here are the steps for creating a quota.

1. On the File Server Resource Manager's dashboard, right-click on "Quotas" and go for "Create Quota".
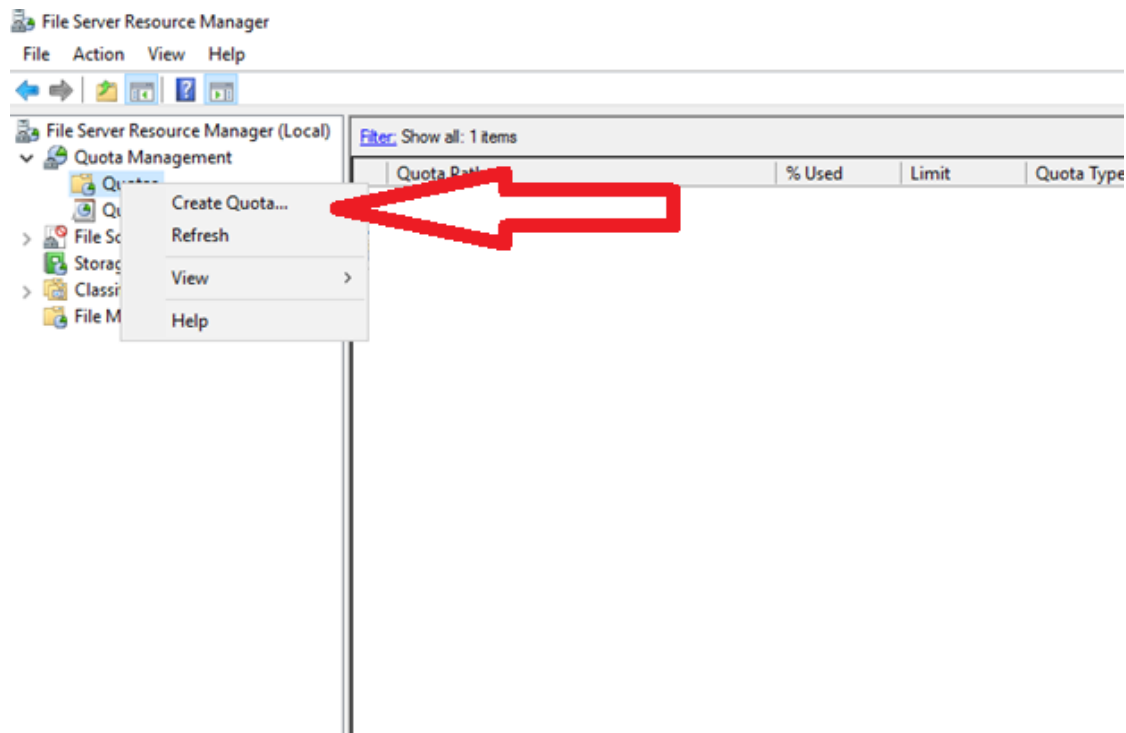
2. On the "Create Quota" window, in the "Quota path" section, browse the path to the volume or folder that the storage capacity restriction will be applied.

Then, choose either the "Create quota on path" or the "Auto apply template and create quota…" option.

If you select the first option, quota will only be applied to the primary folder. For example, if you limit the parent folder to only 5GB, then the other subfolders will share the space specified in the main folder.

On the other hand, if you choose the second option, then the quota will also be applied to the subfolders. For example, if you restrict the main folder to 5GB, then the subfolders will also have individual quotas of 5GB each.

Subsequently, on the "Derive properties from this quota template" option, choose the template you created previously.

If satisfied with the quota properties, click "Create".

After you've created the quota, you can see it on the File Server Resource Manager's dashboard. Thereafter, you'll be able to limit the amount of space allowed on your shared resources.