Team 1

SVRA03A

To the Information Network team:

I am writing to report on the request to enable File System Quotas. The objective of this was to ensure that the home directories of users to not fill to excess and overload the system.

In order to achieve this objective, we worked with the Linux and Windows teams to implement their respective File System Quota programs. The Windows team was able to successfully implement their FSQ programs through installing file and server resource managers with the quota management enabled by default, and provided documentation.
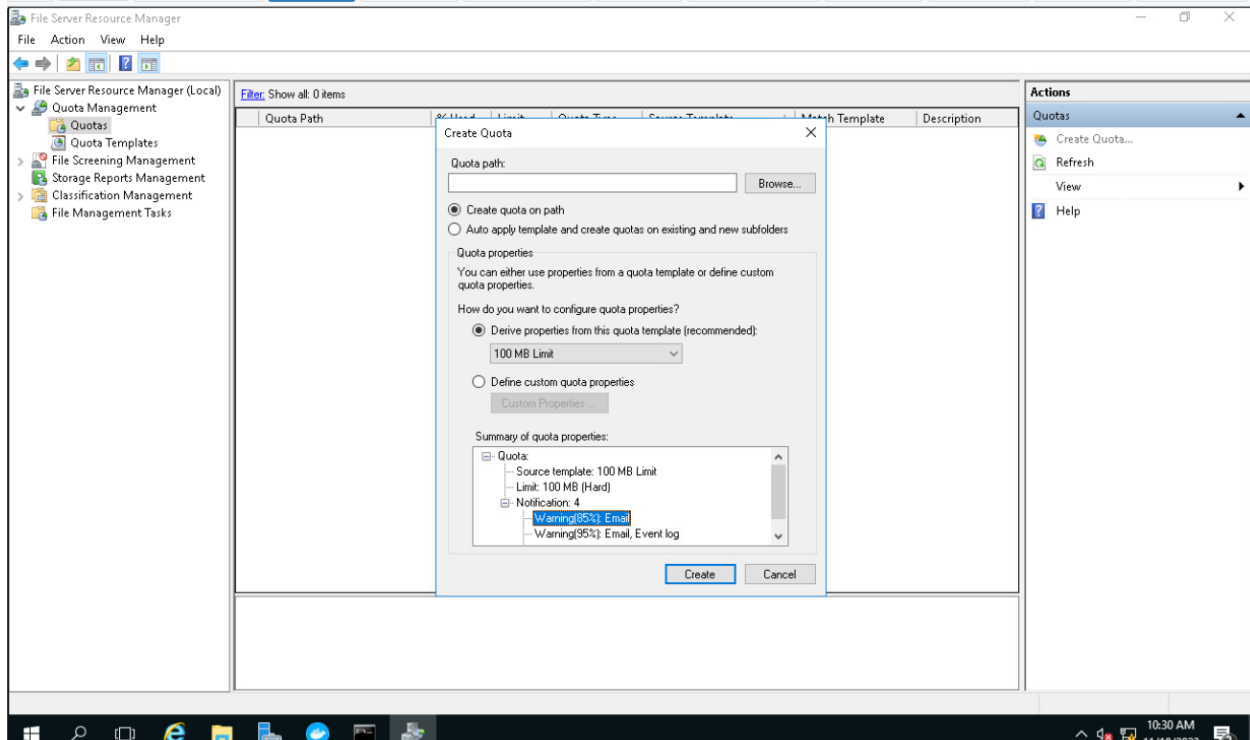
The Fedora Linux server also installed their File System Quota system, but applied it to all instead of a directed folder. Fedora Linux will wait until business hours are closed to correct the configuration error, as they are concerned about potentially bringing down the system in the process and impacting users.

Please find attached screenshots of the configurations implemented by the Windows and Linux teams.

If you have any questions or need further information, please do not hesitate to reach out.

Best regards,

Group 1

File Server Resource Manager

File   Action   View   Help

File Server Resource Manager (Local)
  Quota Management
    Quotas
    Quota Templates
  File Screening Management
  Storage Reports Management
  Classification Management
  File Management Tasks

Filter: Show all: 0 items

Quota Path | % Used | Limit | Quota Type | Source Template | Match Template | Description

Create Quota   ✕

Quota path:

[   ]   [Browse...]

◉ Create quota on path
◯ Auto apply template and create quotas on existing and new subfolders

Quota properties
You can either use properties from a quota template or define custom quota properties.

How do you want to configure quota properties?

◉ Derive properties from this quota template (recommended):

[100 MB Limit   ▾]

◯ Define custom quota properties

[Custom Properties ...]

Summary of quota properties:
  Quota:
    Source template: 100 MB Limit
    Limit: 100 MB (Hard)
    Notification: 4
      Warning(85%): Email
      Warning(95%): Email, Event log

[Create]   [Cancel]

Actions

Quotas
  Create Quota...
  Refresh
  View   ▸
  Help

10:30 AM
11/18/2023

```
#
# /etc/fstab
# Created by anaconda on Mon May  4 08:04:43 2015
#
# Accessible filesystems, by reference, are maintained under '/dev/disk'
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info
#
/dev/mapper/fedora--server_fedora-root /                              ext4     defaults,usrquota,grpquota
    1 1
UUID=8d5d1921-d8de-4ec4-a394-db7a5f62d3c1 /boot                       ext4     defaults          1 2
/dev/mapper/fedora--server_fedora-swap swap                          swap     defaults          0 0
~
~
~
~
```