Configuring multiple GV File systems managed via common GV File Client

Version History

Date	Version	Release by	Reason for changes
09/05/2019	1.0	J Metcalf	Document originated
09/03/2021	1.1	J Metcalf	Rebrand

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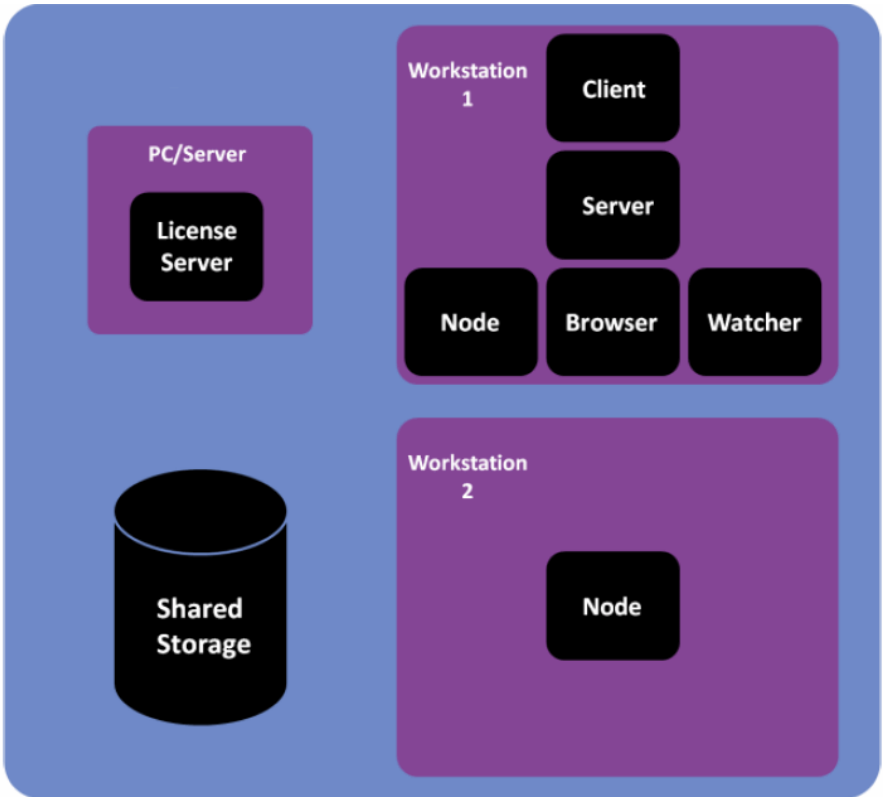
1. Introduction

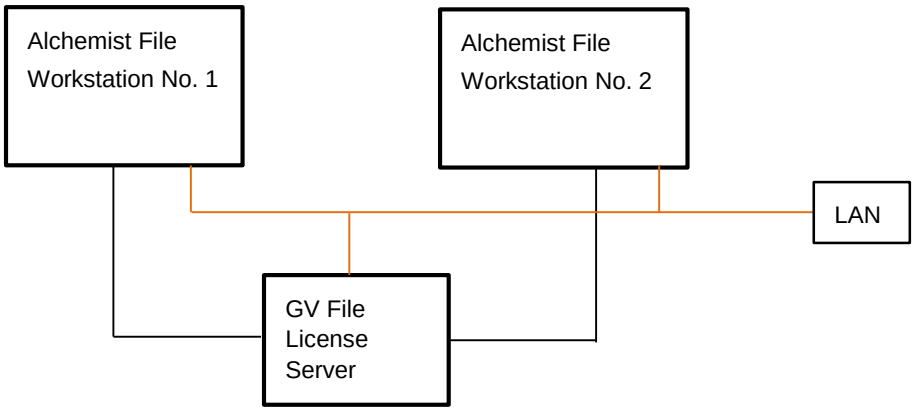
Where multiple GV File systems exist it is possible to configure control of these systems via a common GV File Client. This will result in a single job queue and history pane, serving all the Nodes in the installation:



The following procedure will explain how to configure two separate GV File Workstations to be controlled from a common GV File Client.

2. Procedure:

Consider two Alchemist File Systems employing a common remote License Server.

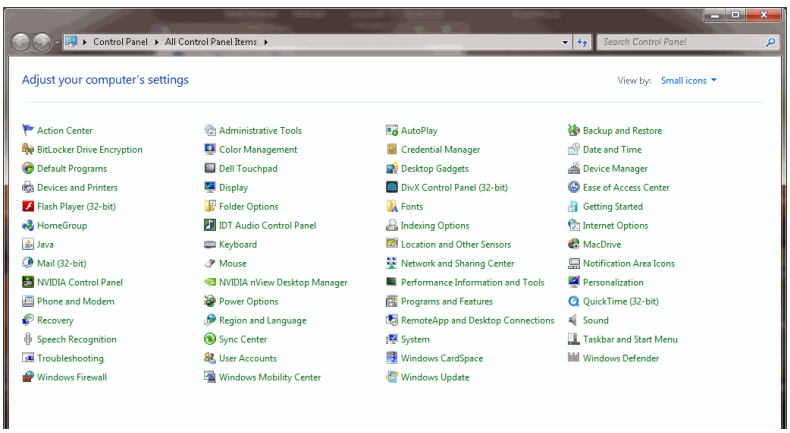


The procedure will:

- Disable the GV File Server on Workstation No. 2.
- Disable GV File Watcher on Workstation No. 2.
- Disable GV File Brower on Workstation No. 2.
- Enable the GV File Server running on Workstation No.1, to orchestrate both Workstations.

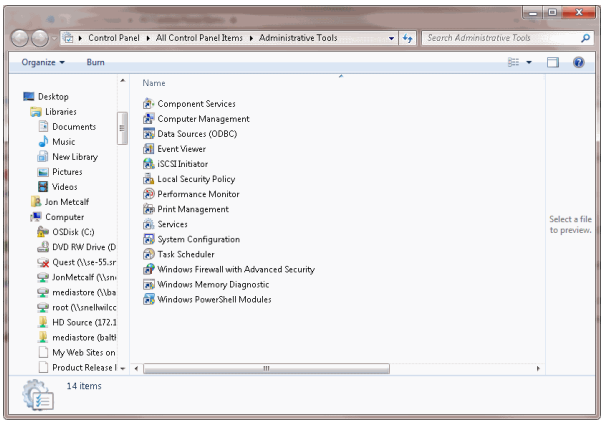
Procedure

1. Log on to Workstation No 2 and open Control Panel:

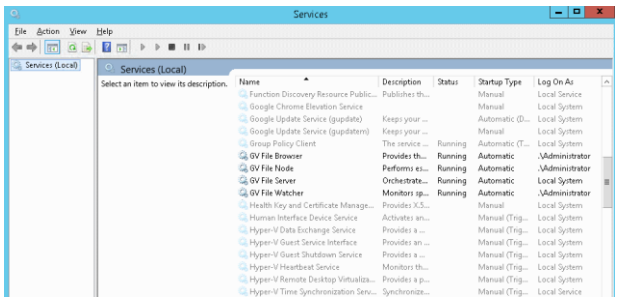


Select: **Administrative Tools**

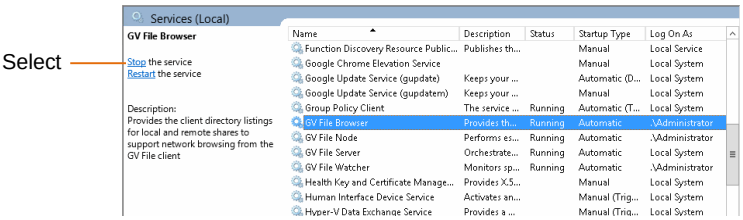
The list of Administrator Tools will appear.



2. Select **Services** in the list. The Services running on Workstation No. 2 will appear. Scroll down the list of Services and locate the **GV File Services:**

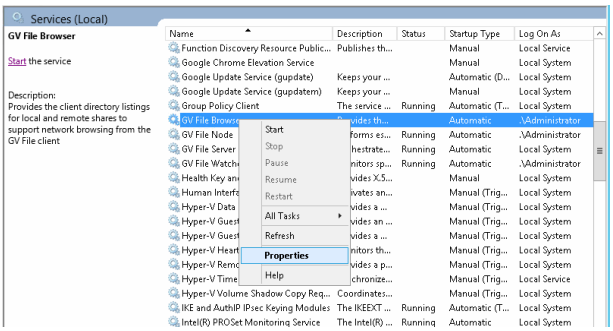


3. Select the **GV File Browser** in the list of Services.



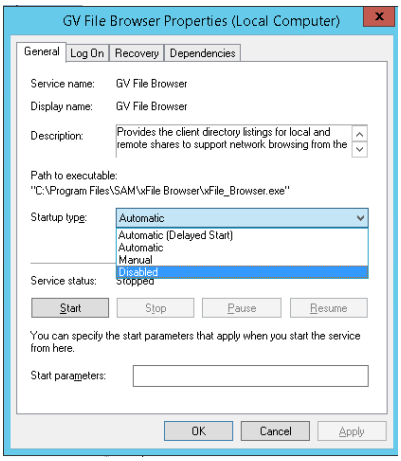
Stop the **GV File Browser** Service.

4. Right-click on the **GV File Browser** and select **Properties.**



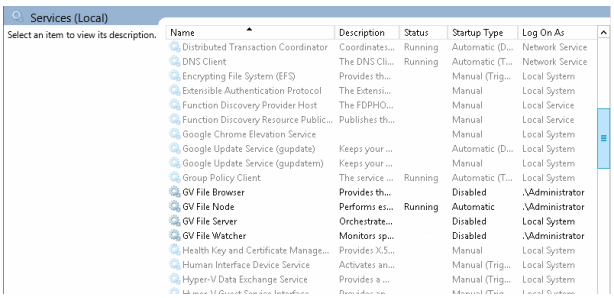
5. In the **Properties** window now displayed, set the **Startup type** to:

   - **Disabled**



   Click **Apply** to complete the process.

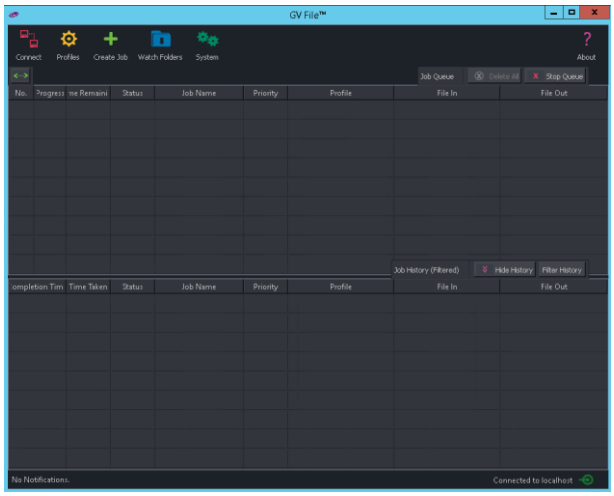
6. Repeat steps 3, 4 & 5 for the **GV File Server** and the **GV File Watcher**



   Note that the **GV File Node** is still running.

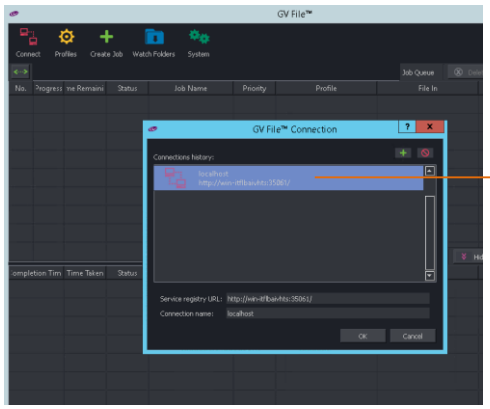
7. Log on to Workstation that is running the **GV Client** (this could be either workstation, or a remote workstation).

   Launch the **GV File Client**.



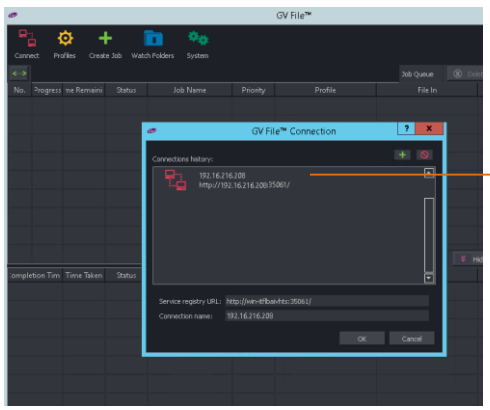
Note that the GV Client could be running on either Workstation, or on a remote workstation.

If the GV File Client is running on Workstation No. 1, the Client should be configured to be connecting to the **Localhost**.



Connect to **Localhost**

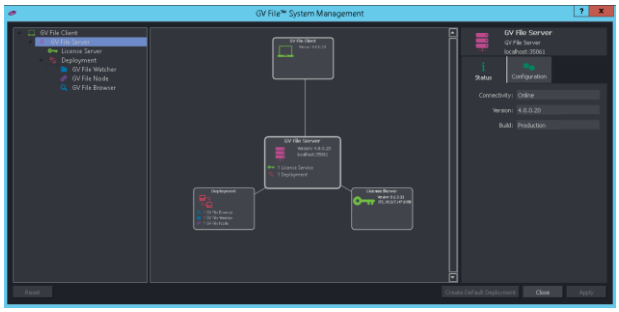
If the GV File Client is running either on Workstation No. 2, or any other remote workstation, the connection should be configured with the IP details of Workstation No 1 (because the **GV File Server** is running on Workstation No. 1).



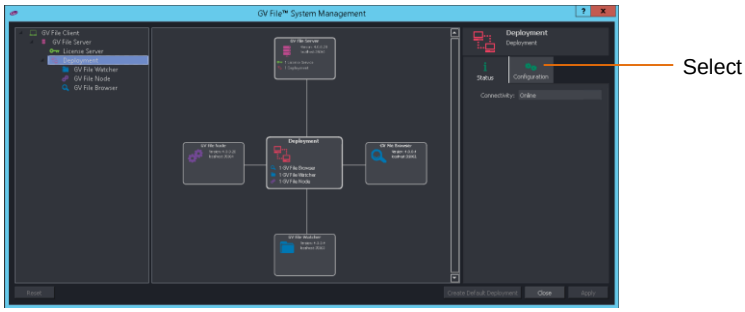
Connect to **Workstation No. 1**

(enter **Workstation No. 1** IP Address)

8. Select **System**. The **System Management** menu will open:

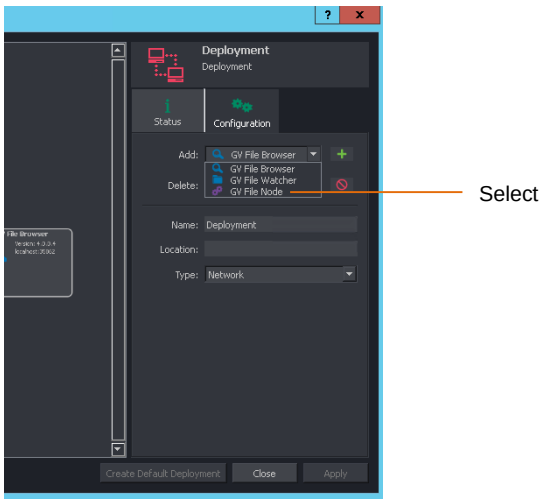


9. Double-click on Deployment. The **System Management** menu will update.



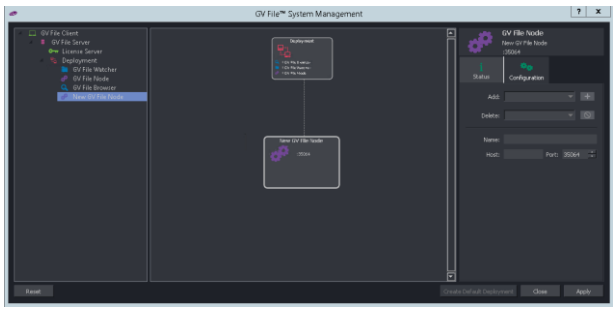
In the right-hand pane, select **Configuration.**

10. In the Configuration pane now displayed, in the **Add** field click on the down-arrow:

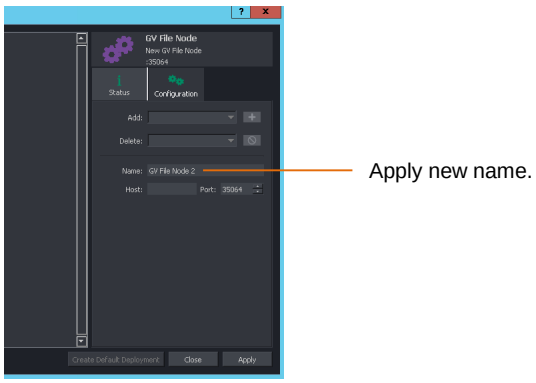


Select **GV File Node** from the drop down list.

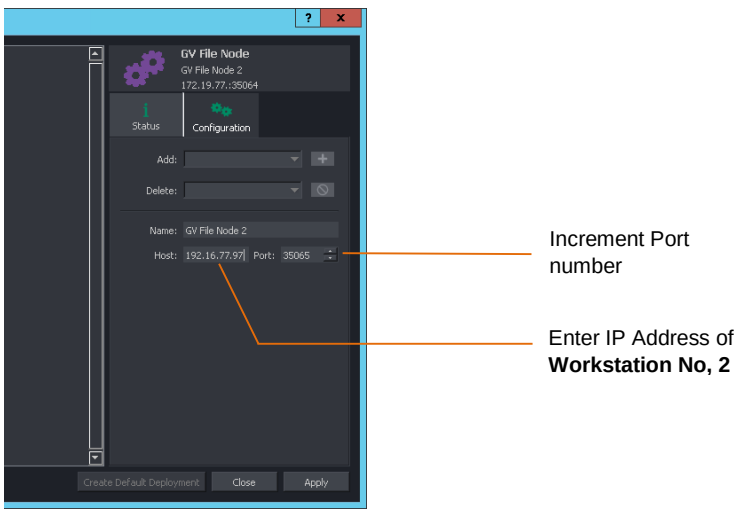
11. Select the green '+' symbol to add the new Node. The System Management window will update and show the new Node.



12. The new Node will need a unique name. In this example the new Node is named: **GV File Node 2**

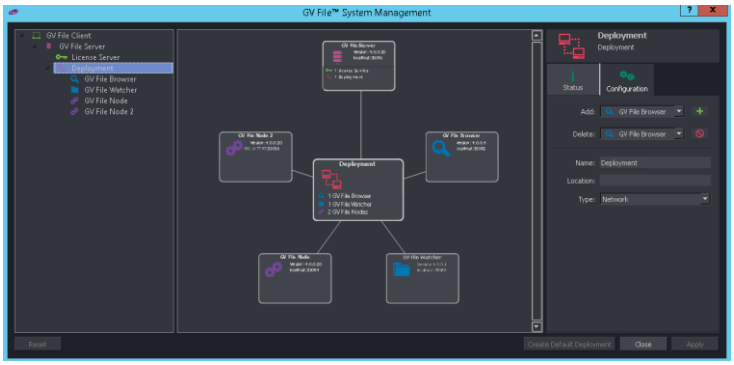


13. In the **Host** field, enter the IP Address of the host machine of Workstation No. 2. It is also necessary to increment the P**ort** number by 1 as each Node must have a unique port number. The default **Port** number of 35064 will be applied to the first Node, hence the second Node has now been set to 35065.



Click **Apply**

14. The **System Management** window should now display two Nodes:



Node 1 is running on **Workstation No. 1** and references **Localhost.**

Node 2 is running on **Workstation No. 2** and is referenced to the IP Address of **Workstation No. 2.**

This completes the Procedure.

Note: that multiple Nodes can be added on either Workstation and if required more Nodes could be added on additional Workstations. In this way, multiple Nodes running on multiple Workstations can be controlled via a common GV File Client.