

## Monitor File Sizes

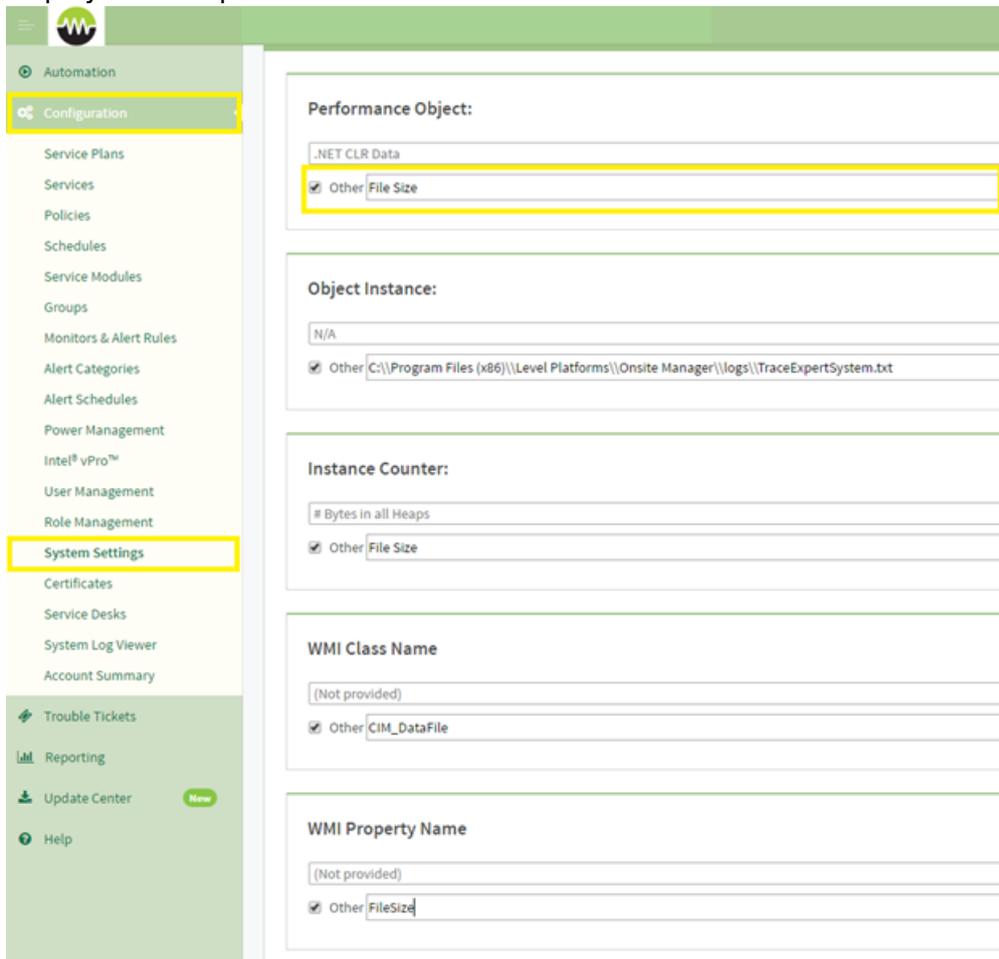
<https://campus.barracuda.com/doc/98217056/>

There may be instances where monitoring a given file size is required on a given system, for example, an Access Database. This can be accomplished by creating a custom Network Object within Barracuda RMM where alerts can be generated against these monitors as with any other Performance counter.

### Creating a custom Network Object within Barracuda RMM

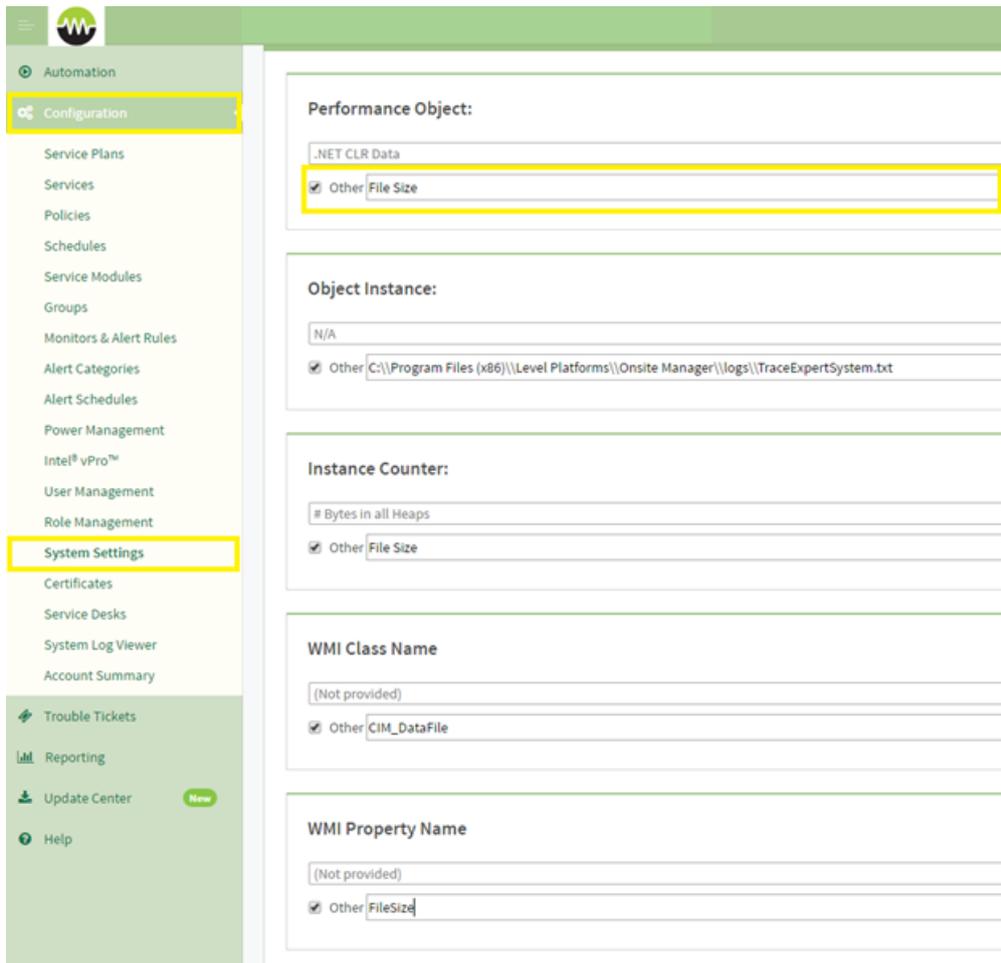
To create a custom Network Object within Barracuda RMM please follow the steps below:

1. Log into your Service Center.
2. Navigate to **Configuration > System Settings > Network Objects > Add**.
3. Under **Performance Object** enter **File Size** or another descriptive name.
4. If this is the first time setting up a file size monitor, click the **Other** checkboxes which will display a text input.



The screenshot shows the Barracuda RMM configuration interface. The left sidebar is expanded to 'System Settings'. The main content area is titled 'Performance Object:' and contains several sections:

- Performance Object:** A text input field contains '.NET CLR Data'. Below it, the 'Other' checkbox is checked, and the text 'File Size' is entered in the adjacent input field.
- Object Instance:** A text input field contains 'N/A'. Below it, the 'Other' checkbox is checked, and the text 'C:\Program Files (x86)\Level Platforms\Onsite Manager\logs\TraceExpertSystem.txt' is entered in the adjacent input field.
- Instance Counter:** A text input field contains '# Bytes in all Heaps'. Below it, the 'Other' checkbox is checked, and the text 'File Size' is entered in the adjacent input field.
- WMI Class Name:** A text input field contains '(Not provided)'. Below it, the 'Other' checkbox is checked, and the text 'CIM\_DataFile' is entered in the adjacent input field.
- WMI Property Name:** A text input field contains '(Not provided)'. Below it, the 'Other' checkbox is checked, and the text 'FileSize' is entered in the adjacent input field.



The screenshot shows the Barracuda RMM Configuration page. The left sidebar is expanded to 'System Settings'. The main content area is divided into several sections:

- Performance Object:** A text box contains '.NET CLR Data'. Below it, a radio button labeled 'Other' is selected, and the text 'File Size' is entered in the adjacent box.
- Object Instance:** A text box contains 'N/A'. Below it, a radio button labeled 'Other' is selected, and the text 'C:\Program Files (x86)\Level Platforms\Onsite Manager\logs\TraceExpertSystem.txt' is entered in the adjacent box.
- Instance Counter:** A text box contains '# Bytes in all Heaps'. Below it, a radio button labeled 'Other' is selected, and the text 'File Size' is entered in the adjacent box.
- WMI Class Name:** A text box contains '(Not provided)'. Below it, a radio button labeled 'Other' is selected, and the text 'CIM\_DataFile' is entered in the adjacent box.
- WMI Property Name:** A text box contains '(Not provided)'. Below it, a radio button labeled 'Other' is selected, and the text 'FileSize' is entered in the adjacent box.

5. Under **Object Instance** enter the full name using double backslashes for file paths. eg. C:\\Program Files (x86)\\Level Platforms\\Onsite Manager\\logs\\TraceExpertSystem.txt.
6. Under **Instance Counter** enter **File Size** or another descriptive name.
7. Under **WMI Class Name** enter **CIM\_DataFile**.
8. Under **WMI Property Name** enter **FileSize**.

**Performance Object:**

Other

**Object Instance:**

Other

**Instance Counter:**

Other

**WMI Class Name**

Other

**WMI Property Name**

Other

- Navigate to an appropriate Monitoring Policy (**Configuration > Policies > Monitoring**) or a device's **Monitor** page.
- Click **Add Monitor > Performance Counter > Add**.
- Provide a descriptive title.
- Select **File Size** or the given **Performance Object** name provided earlier.
- Select the correct **Object Instance**.

Never use **All Available Instances** as this causes the Onsite Manager to attempt to pull every file size on systems with the monitor and prevents effective monitoring of any system.

14. Select **File Size** as the **Counter**.
15. Click **Save**.

To add additional files to be monitored, follow the same directions but enter the new file path to be monitored; all other entries will become available in the drop-down menus.

## Figures

1. clipboard\_e585d8026e4dda6d6eb9582e27e546c9d.png
2. clipboard\_e585d8026e4dda6d6eb9582e27e546c9d.png
3. clipboard\_eebd2d100524065b93a92dad29d853f12 (1).png

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