

Monitor File Sizes

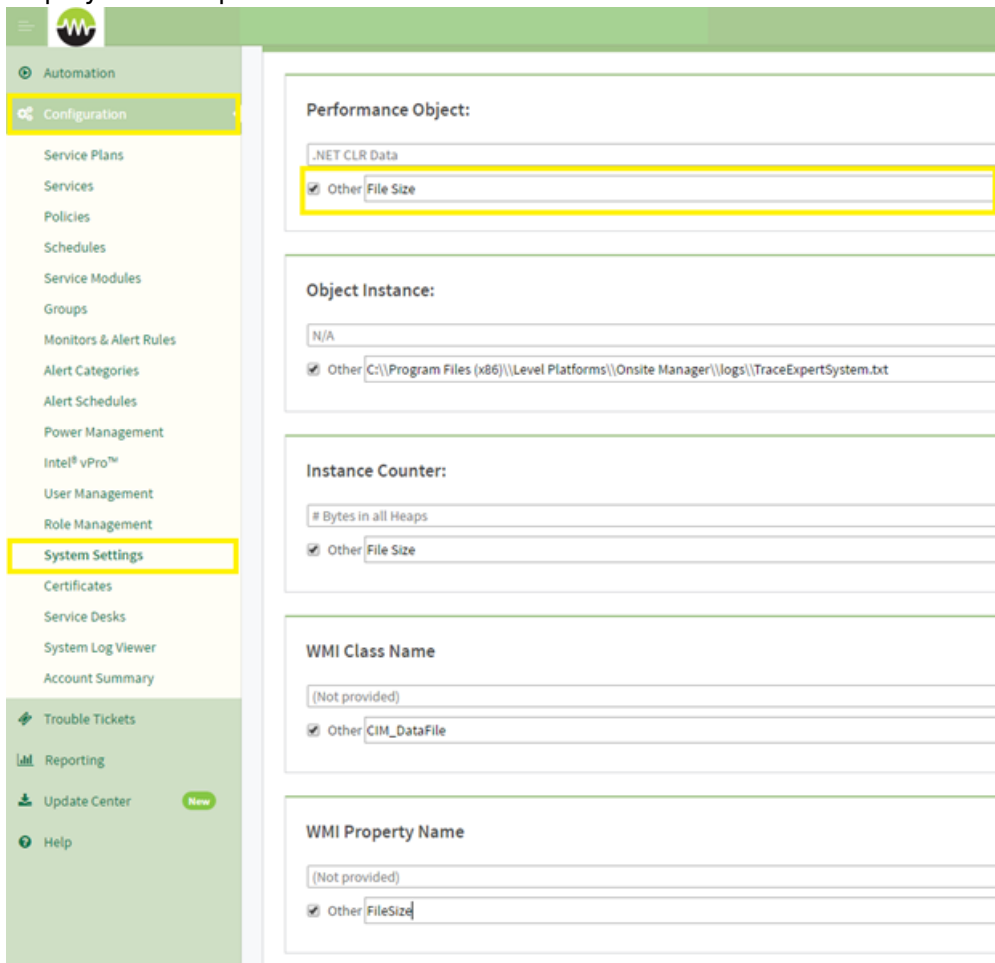
<https://campus.barracuda.com/doc/98217056/>

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.

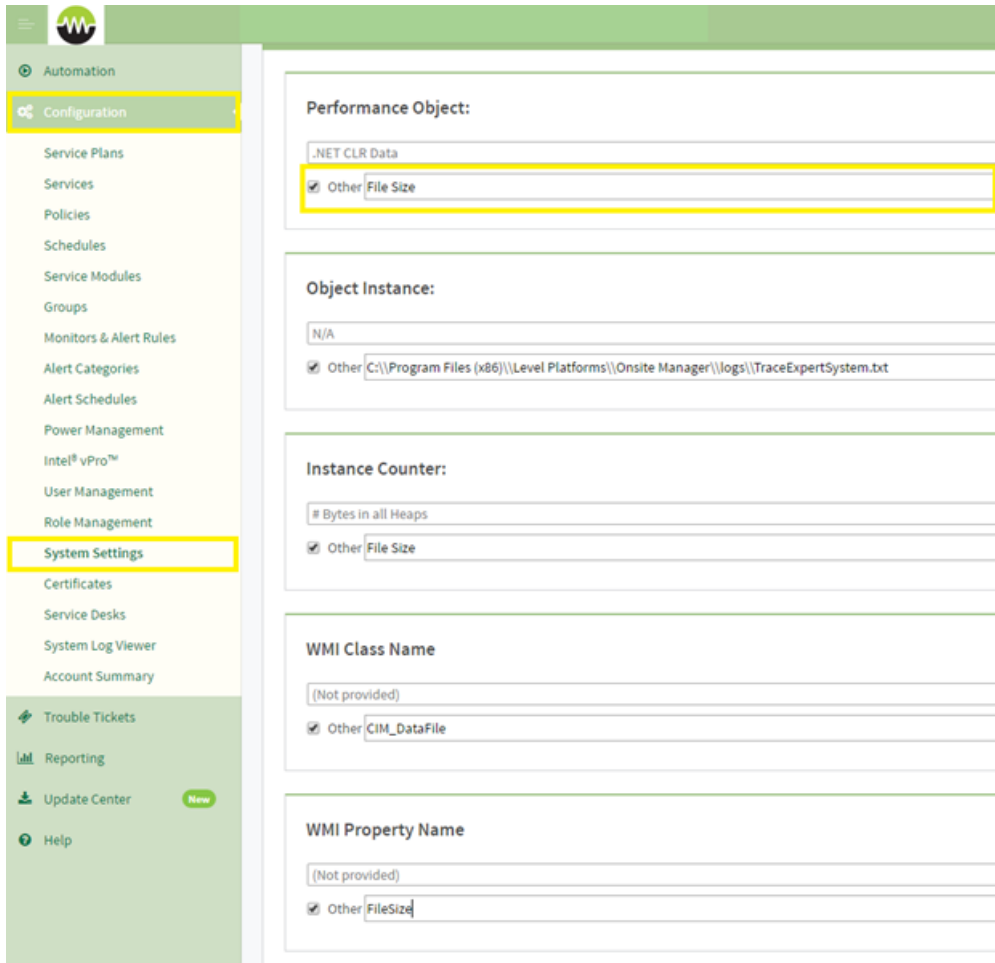
Creating a custom Network Object within Barracuda RMM

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. On the left is a navigation menu with the following items: Automation, Configuration (highlighted), Service Plans, Services, Policies, Schedules, Service Modules, Groups, Monitors & Alert Rules, Alert Categories, Alert Schedules, Power Management, Intel® vPro™, User Management, Role Management, System Settings (highlighted), Certificates, Service Desks, System Log Viewer, and Account Summary. Below these are Troubleshoot Tickets, Reporting, Update Center (with a 'New' badge), and Help. The main content area is titled 'Performance Object:' and contains several sections: 1. 'Performance Object:' with a text input field containing '.NET CLR Data' and a checked 'Other' checkbox next to a text input field containing 'File Size'. 2. 'Object Instance:' with a text input field containing 'N/A' and a checked 'Other' checkbox next to a text input field containing 'C:\Program Files (x86)\Level Platforms\Onsite Manager\logs\TraceExpertSystem.txt'. 3. 'Instance Counter:' with a text input field containing '# Bytes in all Heaps' and a checked 'Other' checkbox next to a text input field containing 'File Size'. 4. 'WMI Class Name' with a text input field containing '(Not provided)' and a checked 'Other' checkbox next to a text input field containing 'CIM_DataFile'. 5. 'WMI Property Name' with a text input field containing '(Not provided)' and a checked 'Other' checkbox next to a text input field containing 'FileSize'.



The screenshot shows the Barracuda RMM Configuration page. The left sidebar contains a menu with the following items: Automation, Configuration (highlighted), Service Plans, Services, Policies, Schedules, Service Modules, Groups, Monitors & Alert Rules, Alert Categories, Alert Schedules, Power Management, Intel® vPro™, User Management, Role Management, System Settings (highlighted), Certificates, Service Desks, System Log Viewer, and Account Summary. Below the sidebar, there are sections for Troubleshoot, Reporting, Update Center (with a 'New' button), and Help. The main content area is titled 'Performance Object:' and contains several input fields. The 'Performance Object' field is set to '.NET CLR Data'. The 'Object Instance' field is set to 'N/A'. The 'Instance Counter' field is set to '# Bytes in all Heaps'. The 'WMI Class Name' field is set to '(Not provided)'. The 'WMI Property Name' field is set to '(Not provided)'. The 'Other' checkbox is checked for all four fields, and the corresponding values are entered in the adjacent text boxes: 'File Size' for the Performance Object, 'C:\Program Files (x86)\Level Platforms\Onsite Manager\logs\TraceExpertSystem.txt' for the Object Instance, 'File Size' for the Instance Counter, and 'CIM_DataFile' for the WMI Class Name. The 'WMI Property Name' field has 'FileSize' entered in the text box.

Automation

Configuration

Service Plans

Services

Policies

Schedules

Service Modules

Groups

Monitors & Alert Rules

Alert Categories

Alert Schedules

Power Management

Intel® vPro™

User Management

Role Management

System Settings

Certificates

Service Desks

System Log Viewer

Account Summary

Troubleshoot

Reporting

Update Center

Help

Performance Object:

.NET CLR Data

Other File Size

Object Instance:

N/A

Other C:\Program Files (x86)\Level Platforms\Onsite Manager\logs\TraceExpertSystem.txt

Instance Counter:

Bytes in all Heaps

Other File Size

WMI Class Name

(Not provided)

Other CIM_DataFile

WMI Property Name

(Not provided)

Other FileSize

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

9. Navigate to an appropriate Monitoring Policy (**Configuration > Policies > Monitoring**) or a devices **Monitor** page.
10. Click **Add Monitor > Performance Counter > Add**.
11. Provide a descriptive title.
12. Select **File Size** or the given **Performance Object** name provided earlier.
13. 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

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.