

## Adding a Monitor for Performance Counters

<https://campus.barracuda.com/doc/90443534/>

A **Performance Counter** monitor checks metrics about the health of the hardware or application.

### Notes

- **Performance Counter** monitors only function correctly if the devices being monitored are displaying as **WMI-enabled** in Service Center.
- **Performance Counter** data can be monitored for devices behind a network load balancer as long as the IP address used is included in the network scan range for Onsite Manager and is not the virtual **IP** of the load balancer.
- You can monitor all available instances of a performance counter on a device, which is useful when monitoring logical disk drives. For example, you can configure a single **Performance Counter** monitor to examine the logical drive letters discovered on each device, instead of creating a separate **Performance Counter** monitor for each logical drive letter.

### Understanding the Relationship Between Parent and Child Monitors

There are a few considerations regarding parent and child monitors that you must keep in mind when creating a **Performance Counter** monitor:

- changing a parent's monitor or alert configuration does not change existing child monitors. It only affects new child monitors that are created after the changes are saved.
- changing a child's monitor or alert configuration does not change the parent's configurations.
- changing a child's monitor or alert configuration does not change other child monitor's configurations.
- a child monitor that is deleted will be recreated the next time the scan detects it.
  - to stop the monitoring and alerting, the monitor has to be disabled.
  - to stop the monitor from being created, a regular expression needs to be used that will not detect it or disable the parent. Disabling the parent also prevents other counters, that may be wanted, from being created.
- deleting the parent monitor deletes all child monitors created by the parent, even if the child has been modified.
- deleting the parent monitor does not delete child monitors created by other parent monitors.
- disabling the parent does not disable existing child monitors.
- disabling the child does not disable the parent or other child monitors.

### To add a monitor for a performance counter

1. In Service Center, click **Configuration > Monitor & Alert Rules**.
2. From the **Site** list, select the site where the device is located.
3. From the **Device** list, select the device to which you want to add a monitor.

4. Click **Add Monitor**.
5. From the **Choose Monitor Type** list, select **Performance Counters**.
6. Click **Add Monitor**.
7. In the **Monitor** tab, type a **title** for the monitor.
8. Optionally, type a **description** for the monitor.
9. Ensure the **Enabled** check box is selected.
10. Select the performance object to monitor from the **Performance Object** list.
11. From the **Object Instance** list, select the instance, if needed.
12. To monitor all performance counter instances, select the **All Available Instances** check box unless you are setting up a monitor for logical disk free space. **Drive space** monitors function differently and require the use of a regular expression.
  - Select the **Instance Selection by Regular Expression** check box, and then enter the following regular expression in the **Regular Expression** box: `^[C-Z]:$` . This can also be used to limit your search. For example, if a device has two hard drives, a drive C and a drive M, you could exclude certain drives by entering `^[C-L]:$`, which would monitor the C drive but not the M drive.
13. From the **Counter** list, select the counter.  
If available, the **Counter Help** appears, which provides a description of the counter.
14. If you selected the **All Available Instances** check box, the **Discovery Interval** list is available. From this list, select an appropriate time to set how frequently Onsite Manager scans for new performance counters on the target device.
15. From the **Polling Interval** list, select an appropriate time to set how frequently the data is captured.
16. Do one of the following to set when the monitor runs:
  - To set the monitor to run all the time, do nothing.
  - To change when the monitor runs, click **Run Always** to open the **Select Interval** dialog box and select either the **Daily Interval** or **Specific Interval** option button and use the corresponding lists to define the monitoring. Click **OK**.
17. To configure an alert, see [Setting Alert Actions](#).
18. Click **Save**.

**See Also**

[Adding or Deleting Performance Counters](#)

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