

## Steps to create a MetricsView Monitoring Task

To collect Windows Performance Counters from a machine on your network you must have the following:

### Summary:

- Set up a MetricsView Collector in your Dotcom-Monitor Account.
- Install The MetricsView Agent on a machine on your network.
- Configure a MetricsView Device to use a MetricsView Agent.

## Details

### Creating a Collector

1. After you are logged in to your Dotcom-Monitor Account, in the top menu navigation under configure, select MetricsView Collectors. Click add new collector and enter the name you wish to assign to this collector in the NAME field. (It is usually helpful to name the collector the same as the name of the server or computer you will be installing the agent on.)
2. You may wish to leave the alert email address field blank for now because as soon as you click the add button, the collector will begin a count down waiting to receive results, and if you do not get the agent installed and running in time, the collector will begin to send messages that no responses have been received. Make a note to come back and enter an address after you have completed setting up the agent and a device using this collector.

### MetricsView Collector Fields:

**Name:** Defines the collector's name, and is listed as part of the MetricsView custom collector task configuration.

**MetricsView Node Alert Email:** Is the address that will receive notices about issues with collector.

**Alert frequency:** Determines how often alerts are sent when the collector is in an alert state.

**Switch to alert state if there are no responses received within [X mins]:** Defines the duration to wait while the system has not received incoming counters until the system will trigger an alert.

**Collector Type:** Selecting MetricsView agent will use the metricsview software that you download to your computer. Selecting Customer Counter will require you to use the API to push your custom counter values to the system.

### Installing the MetricsView Agent

3. Download the MetricsView Agent (Make sure you are logged in to your dotcom-monitor account for the link to work)

Download Link: <https://user.dotcom-monitor.com/downloads/MetricsViewAgentSetup.exe>

4. Install the MetricsView Agent on a machine on your network.
5. When prompted for local credentials, make sure you run the service as a user with administrative rights or as a member of the “performance monitor users group” otherwise you may not be able to properly gather windows performance counters from the machines you wish to monitor.
6. When prompted for username and password, enter the credentials from your Dotcom-Monitor account.
7. When prompted for the collector ID, in the Dotcom-Monitor website, navigate to the MetricsView Collectors page under the configure menu. You can copy and paste the Collector ID from the table of collectors that you have created.

### Setting Up a MetricsView Device

8. To add a new MetricsView Device, From the Device Manager, click the Add Device button on the upper right hand of the screen. Select the type of MetricsView device you wish to create.

Fill out the device configuration:

**Name:** Enter a descriptive name to help later identify this device amongst a list of other devices.

**Frequency:** Select a frequency at which the device will repeat the monitoring tasks.

**Postponed:** Selecting Postponed will suspend monitoring of the device. Existing data will not be affected, but new data will not be recorded until you have deselected the Postponed option.

**Owner Device:** Specify an existing device upon which this device is dependant. See [Owner Device](#) for details.

**Monitoring Schedule:** Select an existing [schedule](#) to apply to this device.

### Configuring a MetricsView Task

9. Once you have filled out the device settings you will be prompted to adjust following settings:

**Name:** Defines the Task’s name, and is listed as part of the [Device](#).

**Agent:** Select the name of the collector agent that has already been set up under the [Configure MetricsView Collectors](#) menu

**Task UID:** Unique Task ID used by API to distribute gathered monitoring results.

**Performance Counter Path:** is a descriptive field that is auto populated by appending the following fields together: Host\Category\Instance\Counter. Therefore, you do not need to enter anything into this field, simply fill in the following fields.

**Host:** field supposed to contain IP of the counter carrier host. Though, any identifier may be used.

**Category:** 1st level grouping criteria (example: CPU)

**Instance:** 2nd level grouping criteria (example: CPU Core number)

**Counter:** 3rd level grouping criteria (example: CPU #2 load)

**Aggregate :** All received data will be aggregated on a regular basis, according to the adjusted device frequency.

Maximum – the highest value from array will be taken

Average – value is calculated as an average of all intermediate values

Minimum – the lowest value from array will be taken

**Min threshold:** Threshold exceeding will result alerting

**Max threshold:** Threshold exceeding will result alerting

**Ignore Errors if counter is not available:** Each time during “Agent” <->”Server” interaction Agent asks if there any new counters for Agent to check. In case there are instructions to gather stats on new counters Agents starts to gather them. In case **NO** was selected each failure in Counters polling will be reflected as error in reports, in case **YES** was selected – failures will be ignored.