

Domino Disk Statistics

Introduction

This Sensor allows you to monitor in detail all existing Partitions / Disks and Volumes of the Host itself.

One of the areas which one can monitor is the DAOS and Translog partition.

In order to monitor this, the greenlight notes id needs to have enough privileges to issue remote console commands on the server. If this is not the case you would see on the server console something like

02/13/2017 10:51:45 PM Error issuing remote console command '!show config TRANSLOG_STATUS' from GREENLIGHT-BOT/panagenda: You are not authorized to use this remote console command on this server

02/13/2017 10:51:45 PM Error issuing remote console command '!show config DAOSENABLE' from GREENLIGHT-BOT/panagenda: You are not authorized to use this remote console command on this server

In addition to that one can define size categories for the different disk sizes. So you would assign different warning/failure thresholds to those categories.

The screenshot shows the configuration page for the 'Domino Disk Statistics Sensor'. The sensor name is 'DiskUsage StoreDB DataDiskAlert' and its status is 'Enabled'. There is a checkbox for 'Generate statistics for transaction log and DAOS disks' which is checked. Below this, there are three columns of settings: 'Size', 'Warning Threshold', and 'Failure Threshold'. Each row represents a size category with its corresponding warning and failure thresholds. The failure thresholds are percentages of the partition size.

Size	Warning Threshold	Failure Threshold
1 GB -	10	2
10 GB -	50	10
50 GB -	200	15
200 GB -	500	20
500 GB -	1000	30

Warning Threshold should not be higher than the partition size.
Failure Threshold should not be higher than the warning threshold.

e.g. if a disk is 200GB large, then it falls into the third category where the critical failure threshold is set on < 3% of available disk space.

With this kind of configuration you are completely flexible when it comes to alerting.

As a condition you could select the following

The screenshot shows the 'Alert Condition' configuration page. The condition is set to 'Run this action when ...' with the value 'Number of disks above Failure threshold' and a comparison operator '>' and a value '0'. There is also a text area for a message template containing the expression '\$(result != null)'. Below the condition configuration, there are sections for 'Advanced Options Selection' and 'Timeframe Options'. At the bottom right, there are buttons for 'Trigger Measurement', 'Remove Sensor', and a help icon.

As a output (e.g. mail notification) you could use the following expressions

number of disks exceeding ANY of the failure thresholds: `${result.statistics['greenlight.disk.events.failure.count']}`

disk label of disks exceeding ANY of the failure thresholds: `${result.statistics['greenlight.disk.events.failure']}`