

Disk Monitoring - Feature #1421

Search to alert users of bad disks

08/17/2016 08:27 PM - Luke Murphey

Status:	Closed	Start date:	08/17/2016
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	0.6		
Description			
Need to look for:			
<ul style="list-style-type: none">• FAILING_NOW or In_the_past in the events• SMART_overall_health_self_assessment_test_result that has a value other than PASSED			
See examples reports here: https://www.smartmontools.org/wiki/Help#Howtoreadsmartctlreports			

History

#1 - 08/17/2016 08:36 PM - Luke Murphey

```
sourcetype = smartmon Serial_Number=* | stats values(SMART_overall_health_self_assessment_test_result) as SMART_overall_health_self_assessment_test_result sparkline count(Reallocated_Sector_Ct) as Reallocated_Sector_Ct latest(Offline_Uncorrectable) as Offline_Uncorrectable latest(Current_Pending_Sector) as Current_Pending_Sector by Device_Model, Serial_Number
```

#2 - 08/17/2016 08:39 PM - Luke Murphey

```
sourcetype = smartmon Serial_Number=* | stats values(SMART_overall_health_self_assessment_test_result) as SMART_overall_health_self_assessment_test_result sparkline(max(Reallocated_Sector_Ct)) as Reallocated_Sector_Ct latest(Offline_Uncorrectable) as Offline_Uncorrectable latest(Current_Pending_Sector) as Current_Pending_Sector by Device_Model, Serial_Number
```

#3 - 08/18/2016 04:38 PM - Luke Murphey

```
sourcetype = smartmon Serial_Number=* | stats values(SMART_overall_health_self_assessment_test_result) as SMART_overall_health_self_assessment_test_result sparkline(max(Reallocated_Sector_Ct)) as Reallocated_Sector_Ct latest(Offline_Uncorrectable) as Offline_Uncorrectable latest(Current_Pending_Sector) as Current_Pending_Sector by Device_Model, Serial_Number, host
```

#4 - 08/25/2016 09:43 PM - Luke Murphey

See <https://www.backblaze.com/blog/hard-drive-smart-stats/>

#5 - 08/25/2016 10:19 PM - Luke Murphey

- SMART 5 – Reallocated_Sector_Count. (1-4 warning, > 4 replace)
 - Reallocated_Sector_Ct > 4
- SMART 187 – Reported_Uncorrectable_Errors. (> 1 replace)
 - Offline_Uncorrectable > 1
- SMART 188 – Command_Timeout. (1-13 warning, > 13 replace)
 - Command_Timeout > 13
- SMART 197 – Current_Pending_Sector_Count. (> 1 replace)
 - Current_Pending_Sector > 1
- SMART 198 – Offline_Uncorrectable. (> 1 replace)
 - Reported_Uncorrect > 1

#6 - 08/26/2016 05:18 AM - Luke Murphey

```
sourcetype=smartmon Serial_Number=* | stats max(Reallocated_Sector_Ct) as Reallocated_Sector_Ct max(Offline_Uncorrectable) as Offline_Uncorrectable max(Current_Pending_Sector) as Current_Pending_Sector max(Reported_Uncorrect) as Reported_Uncorrect by Device_Model, Serial_Number | eval error_message=case(Reallocated_Sector_Ct > 4, "Reallocated sector count is above 4", Offline_Uncorrectable > 1, "Offline uncorrectable error count is above 1", Command_Timeout > 13, "Command timeouts are above 13", Current_Pending_Sector > 1, "Current pending sector count is above 1", Reported_Uncorrect > 1, "Reported uncorrectable errors are above 1") | search error_message=*
```

```
sourcetype=smartmon Serial_Number=* (SMART_overall_health_self_assessment_test_result!="PASSED" OR ("FAILING_NOW"))
```

#7 - 08/26/2016 07:11 PM - Luke Murphey

- Status changed from New to Closed
- % Done changed from 0 to 100