

LV SYSTEM - Bug #565

Monitor latency disk, pci ssd trên các host esxi, proxmox

12-03-2024 10:12 - Ru Nguyễn

Trạng thái:	Closed	Bắt đầu:	10-05-2024
Mức ưu tiên:	Normal	Hết hạn:	09-06-2024
Phân công cho:	Minh Phạm	Tiến độ:	100%
Chủ đề:		Thời gian ước lượng:	0:00 giờ
Phiên bản:		Thời gian:	0:00 giờ

Mô tả

Yêu cầu: tạo dashboard monitor latency cho disk ssd và pci ssd trên các host Esxi, proxmox

- SSD: latency cảnh báo: >3
- PCI SSD: latency cảnh báo: >2

Kết quả thực hiện:

Đang thực hiện ở lab lấy read/write của disk dựa vào đường dẫn storage path

```
PS /root> Get-Stat -Entity 10.80.101.122 -Realtime -MaxSamples 1 -Stat storagePath.totalReadLatency.average, storagePath.totalWriteLatency.average | Select MetricId,Value,Unit,Instance | Sort-Object MetricId
MetricId      Value Unit      Instance
-----
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000004,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalreadlatency.average 12 millisecond sas.500605b004009c10-sas.500003965818b8ca-naa.500003965818b8c8
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000001,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.7142392b944c6747-naa.5e83a97010008954
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.40834c4a6a98848f-naa.50026b7263097922
storagepath.totalreadlatency.average 1 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.45162f0b647c8d6e-naa.500a075114c46ae1
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.6f6b6f4680c4d2b7-naa.500a07510d5149e7
storagepath.totalreadlatency.average 10 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000004,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.7142392b944c6747-naa.5e83a97010008954
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.6f6b6f4680c4d2b7-naa.500a07510d5149e7
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.40834c4a6a98848f-naa.50026b7263097922
storagepath.totalwritelatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000001,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.500003965818b8ca-naa.500003965818b8c8
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45162f0b647c8d6e-naa.500a075114c46ae1

PS /root> Get-Stat -Entity 10.80.101.123 -Realtime -MaxSamples 1 -Stat storagePath.totalReadLatency.average, storagePath.totalWriteLatency.average | Select MetricId,Value,Unit,Instance | Sort-Object MetricId
MetricId      Value Unit      Instance
-----
storagepath.totalreadlatency.average 12 millisecond sata.vmhba0-sata.0:3-t10.ATA WDC WD2000FY22D01LULB1 WD2DWCCP1168847
storagepath.totalreadlatency.average 0 millisecond sas.598cdb4f7328761-sas.598cdb4f7328764-naa.598cdb4f7328767
storagepath.totalreadlatency.average 0 millisecond sata.vmhba0-sata.0:2-t10.ATA Netac SSD NT2D960N6S FF360757160802226220
storagepath.totalreadlatency.average 0 millisecond sata.vmhba0-sata.0:15-t10.ATA INTEL SSD52CCT180A4 CWK1311000H0180CGN
storagepath.totalreadlatency.average 3 millisecond sata.vmhba0-sata.0:4-t10.ATA HITACHI HUA723020ALA640 YFVE2ARA
storagepath.totalreadlatency.average 0 millisecond sata.vmhba0-sata.0:3-t10.ATA WDC WD2000FY22D01LULB1 WD2DWCCP1168847
storagepath.totalwritelatency.average 1 millisecond sata.vmhba0-sata.0:15-t10.ATA INTEL SSD52CCT180A4 CWK1311000H0180CGN
storagepath.totalwritelatency.average 0 millisecond sata.vmhba0-sata.0:12-t10.ATA Netac SSD NT2D960N6S FF360757160802226220
storagepath.totalwritelatency.average 0 millisecond sas.548adbf77328761-sas.548adbf77328764-naa.548adbf77328767

PS /root> Get-Stat -Entity 10.80.101.121 -Realtime -MaxSamples 1 -Stat storagePath.totalReadLatency.average, storagePath.totalWriteLatency.average | Select MetricId,Value,Unit,Instance | Sort-Object MetricId
MetricId      Value Unit      Instance
-----
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:dell1610-lu01-b3-4dceae17-00023d000003,iqn.2005-10.org.freenas.ct1:dell1610-lu01-b3,t,1-naa.6589cfc00000df8db14...
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:dell1610-lu01-b3-4dceae17-00023d000002,iqn.2005-10.org.freenas.ct1:dell1610-lu01-b3,t,1-naa.6589cfc00000df8db14...
storagepath.totalreadlatency.average 1 millisecond sas.5d4ae520b68d3600-sas.50000e118ea3242-naa.50000e118ea3240
storagepath.totalreadlatency.average 0 millisecond sas.5d4ae520b68d3600-sas.4d015c4c6d959b64-naa.50026b725805d7b7
storagepath.totalreadlatency.average 0 millisecond sas.5d4ae520b68d3600-sas.4023514dcaae5b4-t10.ATA Netac SSD NT2D960N6S FF730757160802226204
storagepath.totalreadlatency.average 12 millisecond sas.5d4ae520b68d3600-sas.50000395b831401a-naa.50000395b8314019
storagepath.totalreadlatency.average 7 millisecond sas.5d4ae520b68d3600-sas.5000039428235546-naa.5000039428235544
storagepath.totalreadlatency.average 13 millisecond sas.5d4ae520b68d3600-sas.50000395b8313fde-naa.50000395b8313fdd
storagepath.totalwritelatency.average 0 millisecond iqn.1998-01.com.vmware:dell1610-lu01-b3-4dceae17-00023d000003,iqn.2005-10.org.freenas.ct1:dell1610-lu01-b3,t,1-naa.6589cfc00000df8db14...
storagepath.totalwritelatency.average 3 millisecond sas.5d4ae520b68d3600-sas.50000e118ea3242-naa.50000e118ea3240
storagepath.totalwritelatency.average 0 millisecond sas.5d4ae520b68d3600-sas.4d015c4c6d959b64-naa.50026b725805d7b7
storagepath.totalwritelatency.average 0 millisecond sas.5d4ae520b68d3600-sas.4023514dcaae5b4-t10.ATA Netac SSD NT2D960N6S FF730757160802226204
storagepath.totalwritelatency.average 0 millisecond sas.5d4ae520b68d3600-sas.5000039428235546-naa.5000039428235544
storagepath.totalwritelatency.average 0 millisecond sas.5d4ae520b68d3600-sas.50000395b831401a-naa.50000395b8314019
storagepath.totalwritelatency.average 0 millisecond iqn.1998-01.com.vmware:dell1610-lu01-b3-4dceae17-00023d000002,iqn.2005-10.org.freenas.ct1:dell1610-lu01-b3,t,1-naa.6589cfc00000df8db14...
storagepath.totalwritelatency.average 0 millisecond sas.5d4ae520b68d3600-sas.50000395b8313fde-naa.50000395b8313fdd

PS /root> Get-Stat -Entity 10.80.101.122 -Realtime -MaxSamples 1 -Stat storagePath.totalReadLatency.average, storagePath.totalWriteLatency.average | Select MetricId,Value,Unit,Instance | Sort-Object MetricId
MetricId      Value Unit      Instance
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storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000004,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalreadlatency.average 12 millisecond sas.500605b004009c10-sas.500003965818b8ca-naa.500003965818b8c8
storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000001,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.7142392b944c6747-naa.5e83a97010008954
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.40834c4a6a98848f-naa.50026b7263097922
storagepath.totalreadlatency.average 1 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.45162f0b647c8d6e-naa.500a075114c46ae1
storagepath.totalreadlatency.average 0 millisecond sas.500605b004009c10-sas.6f6b6f4680c4d2b7-naa.500a07510d5149e7
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storagepath.totalreadlatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000004,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
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storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.6f6b6f4680c4d2b7-naa.500a07510d5149e7
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45634350c3dbd494-naa.50014ee65adef02aa
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.40834c4a6a98848f-naa.50026b7263097922
storagepath.totalwritelatency.average 0 millisecond iqn.1998-01.com.vmware:6215f22e-6b22-5413-75b1-6c3be5bea9bc-72e1134a-00023d000001,iqn.2005-10.org.freenas.ct1:hpdl1360g7-01,t,1-naa.6589...
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.500003965818b8ca-naa.500003965818b8c8
storagepath.totalwritelatency.average 0 millisecond sas.500605b004009c10-sas.45162f0b647c8d6e-naa.500a075114c46ae1
```

Link dashboard monitor disk

user: monitor

password: Dhug954073

VSAN / Monitor Disk Full

Tổng Disk **1260** Tổng Host **279**

Monitor Disk

Cluster	Host	Disk	Status	Readerror	Writeerror	Read latency	Write latency	Temperature
POOL21-CS	10.2.176.45	t10.ATA____MB2000ECWL_	OK	100	N/A	105	0	230
POOL21-CS	10.2.176.47	t10.ATA____HGST_HUS724_	OK	0	N/A	74	0	29
POOL21-CS	10.2.176.45	t10.ATA____HITACHI_HUA7_	OK	83	N/A	60	0	28
POOL21-CS	10.2.176.23	naa.50014ee059227b75	OK	0	0	55	0	32
POOL21-CS	10.2.176.36	naa.5000c50041a37567	OK	45700477	1	45	0	25
POOL21-CS	10.2.176.26	naa.5000c5005624056f	OK	1286024774	0	37	0	31
POOL21-CS	10.2.176.45	t10.ATA____MB2000ECWL_	OK	99	N/A	33	0	230
POOL21-CS	10.2.176.22	naa.5000c500425d0b07	OK	634759655	0	33	0	31
POOL21-CS	10.2.176.44	t10.ATA____ST32000644N_	OK	78	N/A	30	0	27
Cluster2	172.17.170.28	naa.50014ee6b10c90e3	OK	0	N/A	29	0	23
POOL21-CS	10.2.176.26	naa.5000cca22dc9cf8b	OK	90	N/A	27	0	176
POOL16	10.2.156.34	mpx.vmhba0:C2:T0:L0	OK	100	N/A	27	0	68
POOL21-CS	10.2.176.35	naa.5000c50033d8355b	N/A	1925272812	2	25	0	31
POOL21-CS	10.2.176.32	naa.50014ee0ae8e62f2	OK	0	0	25	0	30
POOL21-CS	10.2.176.38	t10.ATA____WDC_WD30EF_	OK	0	0	24	0	25
POOL21-CS	10.2.176.35	naa.5000c50034593e17	OK	0	0	24	0	32

1 - 16 of 1849 rows

VSAN / Monitor Disk Full

Tổng Disk **1260** Tổng Host **279**

Monitor Disk

Cluster	Host	Disk	Status	Readerror	Writeerror	Read latency	Write latency	Temperature
POOL24-XD	10.2.188.21	naa.500a07510336f0f0	OK	100	N/A	0	228	79
POOL24-XD	10.2.188.21	naa.500a07510336f0f0	OK	100	N/A	0	98	79
POOL31	10.4.151.25	naa.6001405e870d2e50001_	OK	100	N/A	9	87	73
POOL28	10.4.140.25	naa.500a0751033fdb9a	OK	100	N/A	0	49	68
POOL28	10.4.140.25	naa.500a0751033fdb9a	OK	100	N/A	0	48	66
POOL28	10.4.140.37	naa.6001405e870d2e50001_	OK	100	N/A	0	27	100
POOL21-CS	10.2.176.47	t10.ATA____HITACHI_HUA7_	OK	0	N/A	23	25	30
POOL21-CS	10.2.176.43	naa.5000c50062a5eb9b	OK	0	0	12	24	32
POOL31	10.4.151.33	naa.6001405e870d2e50001_	OK	100	N/A	1	23	77
POOL31	10.4.151.33	naa.6001405e870d2e50001_	OK	100	N/A	0	20	77
POOL30	10.4.148.30	naa.6001405e870d2e50001_	OK	100	N/A	0	16	76
POOL30	10.4.148.26	naa.6001405e870d2e50001_	OK	130	N/A	0	16	100
POOL23-SC	10.2.184.59	t10.ATA____SEAGATE_ST6_	OK	80	N/A	5	16	28
POOL21-CS	10.2.176.35	naa.5000c50033d8355b	N/A	1924980533	2	19	16	31
POOL23-SC	10.2.184.48	t10.ATA____SEAGATE_ST6_	OK	82	N/A	14	15	35
POOL21-CS	10.2.176.39	t10.ATA____HITACHI_HUA7_	OK	0	N/A	19	15	28

1 - 16 of 1849 rows

Tác vụ con:

Task # 660: Monitor latency disk, pci ssd trên các host esxi FPT HN

Closed

Task # 771: Custom latency disk trên vcenter site HN

Closed

Task # 827: Cập nhập script latency disk vcenter site HCM

Closed

Lược sử

#1 - 18-03-2024 08:55 - Minh Pham

- Tập tin clipboard-202403180854-fsxs1.png được thêm

- Tập tin clipboard-202403180854-oc16f.png được thêm

- Tập tin clipboard-202403180854-yiocq.png được thêm

- Mô tả cập nhật

- Trạng thái thay đổi từ New tới In Progress

#2 - 18-03-2024 20:51 - Minh Pham

- Hết hạn gán cho 24-03-2024

- Bắt đầu thay đổi từ 12-03-2024 tới 18-03-2024

#3 - 25-03-2024 18:31 - Minh Pham

- Hết hạn thay đổi từ 24-03-2024 tới 31-03-2024

- Bắt đầu thay đổi từ 18-03-2024 tới 25-03-2024

#4 - 01-04-2024 21:29 - Minh Pham

- Hết hạn thay đổi từ 31-03-2024 tới 06-04-2024

- Bắt đầu thay đổi từ 25-03-2024 tới 01-04-2024

#5 - 15-04-2024 09:34 - Minh Pham

- Tập tin clipboard-202404150929-knl56.png được thêm

- Tập tin clipboard-202404150929-3qdlv.png được thêm

- Mô tả cập nhật

#6 - 15-04-2024 15:23 - Minh Pham

- Subtask #660 được thêm

#7 - 20-05-2024 10:12 - Minh Pham

- Subtask #771 được thêm

#8 - 03-06-2024 10:58 - Minh Pham

- Subtask #827 được thêm

#9 - 10-06-2024 09:13 - Minh Pham

- Trạng thái thay đổi từ In Progress tới Closed

Tập tin

clipboard-202403180854-fsxs1.png	94,5 KB	18-03-2024	Minh Pham
clipboard-202403180854-oc16f.png	94,5 KB	18-03-2024	Minh Pham
clipboard-202403180854-yiocq.png	111 KB	18-03-2024	Minh Pham
clipboard-202404150929-knl56.png	186 KB	15-04-2024	Minh Pham
clipboard-202404150929-3qdlv.png	188 KB	15-04-2024	Minh Pham