



Commands for Capturing SP Collects from EMC VNX Block Only with Unisphere rev4

What We Need

Output Specifications from your device to quote and onboard your spare.

Why This Matters

Learn what happens with the outputs retrieved and why we need the information from these commands at <u>PivIT's Sparing Integrity Program</u>.

Procedure

Step 1.

Log into EMC Unisphere by browsing to the ip address of the Control Station for "Unified" VNX. Browse to the ip address of the SPA for "Block Only" VNX. (VNX5100 is block only)

Default login: sysadmin/sysadmin

		EMC. where information lives
V1.1.33 EMC Unis	phere	
System	10.30.31.15	
Name	sysadmin	
Password	*****	
	Use LDAP	
Scope	Global	*
	Authori	zed User only





Step 2:

Select the VNX system you want to collect from.

Https://10.30.31.15/star	t.html						😮 Certificate er	rror 🛛
EMC Unisphere	1		Pool	LUN	Search	Adv Sea	anced 🎡 🏮 🤇	?.
< > 🏠 All Syst	ems 💟 🔠 Dasht	ooard Syst	tem List 🛛 🔯	Domains 🛕	Alerts 📀 Supp	ort		
All Systems >	/						Custon	nize
Systems by Severity	/		4, 🍺 ?	Alerts by Sever	rity (10 of 11)		ی وار بل	×
System	Domain	Status	Model	Severity	System	Message	Created	
II <u>VNX5500</u>	Local	Oritical (2)	VNX5500 (U	🕴 Critical	VNX5500	Slot 2 has panick	Aug 22, 2013 9:4	^
				🕴 Critical	VNX5500	Slot 2 has panick	Aug 22, 2013 9:3	
				🗢 Error	VNX5500	Slot 2: The DNS c.	Sep 15, 2013 4:0	
				ᅌ Error	<u>VNX5500</u>	Slot 2: The DNS c.	Sep 1, 2013 4:03	
				🗢 Error	VNX5500	Slot 2: The DNS c.	Aug 23, 2013 12:	
				🗢 Error	<u>VNX5500</u>	Slot 2: The DNS c.	Aug 18, 2013 4:0	
				Error	VNX5500	Slot 2: The DNS c.	Aug 4, 2013 4:00	~
			Show All				Show A	<u>MI</u>
Overall Capacity - Mos	st Free Space (1 of 1)		🔮 🔧 📀	Capacity for Fil	e - Most Free Space (1	of 1)	2 L.	?
<u>VNX5500</u> -	100 150 200 250 3	00 350 400	Free Raw Disk Free Storage Pool	0	2000 4000 600	0 8000 10000 6305.99	12000 Free	
0 50	100 150 200 250 3 Capacity (GB)	00 350 400 st Refreshed: 2013-	09-16 19:59:56	0	2000 4000 600 Capacit	0 8000 10000 y (GB) Last Refreshe	12000 d: 2013-09-16 19:59:	:52
Alerts: 11 🙆 2 Critical	Certificates: 1						User: sys	sadmin





Step 3.

Click on "System", Then "Generate Diagnostic Files – SPA and SPB".







Step 4.

Select "Yes" to run the script for each SPA and SPB. This will start the creation of the "data.zip" files to be downloaded.



See next page





Step 5.

Acknowledge the running of the script with "ok". Do this for both SPA and SPB. To download data.zip files click on "Get Diagnostic Files – SPA".







Step 6.

This will open "File Transfer Manager". Maximize the SPA – File Transfer Manager window. Maximize SPA-File Transfer Manager window.

https://10.30.31.15/start.html			😒 Certificate error 🗟
EMC Unisphere	Pool L	UN Search	Advanced 👰 🏮 🖓 -
< > 🏦 🗊 VNX5500 💽	System System Storage	🐌 Hosts 🛛 👔 Data Protecti	on 🛛 🌼 Settings 👩 Support >>
<u>VNX5500</u> > System			
Hardware	Monitori	ng and Alerts	Vizards ^ ^
Configure,	SP A - File Transfer Manager		ation Wizard
systems ha	Files On SP	Destination Directory	Browse eset Wizard
Reports View repor	admin_tld 297653 2013-09-04 15:25 APM00121 4812245 2013-03-25 14:05 APM00121 4546132 2013-03-25 14:05 APM00121 785127 2013-03-25 14:05 APM00121 7867856 2013-05-04 20:50 APM00121 7867856 2013-05-04 20:50 APM00121 7867856 2013-05-11 20:50 APM00121 8097444 2013-05-18 20:50 APM00121 8097444 2013-05-25 20:4€ APM00121 8126904 2013-06-01 20:4€ C ::: > Delete Transfer Refresh	No files are being transferred at	present.
			<u>OK</u> <u>H</u> elp
			Generate Diagnostic Files - SPA Set Diagnostic Files - SPA Generate Diagnostic Files - SPB Get Diagnostic Files - SPB
Alerts: 11 🙆 2 Critical Certificat	tes: 1		User: sysadmin





Step 7.

Slide "Name" column to the right so you can see full filename extension. Look for the newest "data.zip" file and highlight it. Click "Refresh" a couple of times to see if the file size changes. If it does not then it is finished creating and is ready for transfer.

A - rite transfer wahager			
es On SP			Destination Directory
Name	Size(Bytes	Date	C:\Users\dmarton Brown
dmin tlddump.txt		297653 2013-09-04 15:25:00	
PM00121205298 SPA 2013-03-25 18-	02-42 30c017 data.zip	4812245 2013-03-25 14:05:04	
PM00121205298 SPA 2013-03-25 18-	07-13 30c017 data.zip	4546132 2013-03-25 14:08:37	Transfer Status
PM00121205298 SPA 2013-03-25 18-	38-36 30c017 data.zip	5785127 2013-03-25 14:40:59	No files are being transferred at present.
PM00121205298 SPA 2013-05-05 00-	48-10 30c017 data.zip	7867856 2013-05-04 20:50:43	
PM00121205298 SPA 2013-05-12 00-	48-10 30c017 data.zip	7962683 2013-05-11 20:50:35	
PM00121205298 SPA 2013-05-19 00-	48-10 30c017 data.zip	8036418 2013-05-18 20:50:35	
PM00121205298 SPA 2013-05-26 00-	46-09 30c017 data.zip	8097444 2013-05-25 20:48:34	
PM00121205298 SPA 2013-06-02 00-	46-09 30c017 data.zip	8126904 2013-06-01 20:48:34	
PM00121205298 SPA 2013-06-09 00-	45-08 30c017 data.zip	8184544 2013-06-08 20:47:34	
PM00121205298 SPA 2013-06-16 00-	44-06 30c017 data.zip	8233776 2013-06-15 20:46:31	
PM00121205298 SPA 2013-06-23 00-	48-08 30c017 data.zip	9393417 2013-06-22 20:50:42	
PM00121205298 SPA 2013-06-30 00-	47-07 30c017 data.zip	9433227 2013-06-29 20:49:31	
PM00121205298 SPA 2013-07-07 00-	46-06 30c017 data.zip	9470305 2013-07-06 20:48:30	
PM00121205298 SPA 2013-08-04 00-	57-21 30c017 data.zip	9322825 2013-08-03 20:59:54	
PM00121205298 SPA 2013-08-11 00-	56-19 30c017 data.zip	9358286 2013-08-10 20:58:42	
PM00121205298 SPA 2013-08-18 00-	55-17 30c017 data.zip	9436853 2013-08-17 20:57:40	
PM00121205298 SPA 2013-08-25 00-	59-46 30c017 data.zip	10 94414 2013-08-24 21:02:21	
PM00121205298 SPA 2013-09-01 00-	59-46 30c017 data.zip	10901601 2013-08-31 21:02:12	
PM00121205298 SPA 2013-09-08 00-	57-44 30c017 data.zip	10951689 2013-09-07 21:00:10	
PM00121205298 SPA 2013-09-15 00-	57-44 30c017 data.	1100067 013-09-14 21:00:10	
PM00121205298 SPA 2013-09-17 00-	00-36 30c017 data.zp	11021439 2013-09-16 20:03:01	
PM00121205298 SPA 2013-09-17 00-	00-36 RP.zip	386350 2013-09-16 20:02:57	
PM00121205298 SPA Iccstats.log		0 2013-03-25 07:00:20	
efaultCaptureOutput.tmp		218857 2013-09-16 20:02:00	
DCConfigurations.xml		8543 2011-12-08 16:25:27	
i_filter.out		4552 2013-03-25 14:17:45	
dump-130618-143226.txt		13556404 2013-06-18 10:32:28	
dump-130618-174336.txt		9451370 2013-06-18 13:43:37	
dump-130711-152600.txt		9345715 2013-07-11 11:26:01	
tdump-130822-140021.txt		10453879 2013-08-22 10:00:22	
tdump-130822-194015.txt		4908020 2013-08-22 15:40:16	
tdump-130822-214912.txt		8932069 2013-08-22 17:49:14	
tdump-130823-125917.txt		9161122 2013-08-23 08:59:19	
tdump_log.txt		1936 2013-08-23 10:59:13	
tulting the second of work		2105 2012 00 20 10.40.00 ¥	
Delete	Transfer	Refresh	Can





Step 8.

Select "Browse" and point to a known location on workstation the for file to upload to.

		Destination Directory
ame	Size(Bytes) Date	C: Users Idmarton Browsr
<pre>min_iddump.txt MM00121205298_SPA_2013-03-25_18-02-42_30c017_data.zi MM00121205298_SPA_2013-03-25_18-07-13_30c017_data.zi MM00121205298_SPA_2013-03-25_18-07-13_30c017_data.zi MM00121205298_SPA_2013-05-12_00-48-10_30c017_data.zi MM00121205298_SPA_2013-05-12_00-48-10_30c017_data.zi MM00121205298_SPA_2013-05-26_00-48-10_30c017_data.zi MM00121205298_SPA_2013-05-26_00-48-08_30c017_data.zi MM00121205298_SPA_2013-05-26_00-48-08_30c017_data.zi MM00121205298_SPA_2013-06-09_00-45-08_30c017_data.zi MM00121205298_SPA_2013-06-09_00-45-08_30c017_data.zi MM00121205298_SPA_2013-06-09_00-45-08_30c017_data.zi MM00121205298_SPA_2013-06-09_00-45-08_30c017_data.zi MM00121205298_SPA_2013-06-09_00-45-08_30c017_data.zi MM00121205298_SPA_2013-06-01_00-55-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-55-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-55-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-55-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-06-01_00-57-04_30c017_data.zi MM00121205298_SPA_2013-00-01_00-50-06_30c017_data.zi MM00121205298_SPA_2013-00-01_00-50-06_30c017_data.zi MM00121205298_SPA_2013-00-01_00-50-06_30c017_data.zi MM00121205298_SPA_2013-00-01_00-50-06_30c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205298_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205292_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205292_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205292_SPA_2013-00-01_00-05-06_80c017_data.zi MM00121205292_SPA_2013-00-01_00-05-06_80c017_data.zi MM0012120529</pre>	297653 2013-09-04 15:25:00 p 4512245 2013-03-25 14:05:04 p 454122 2013-03-25 14:05:05 p 5785127 2013-03-25 14:06:37 p 7962683 2013-03-25 12:06:38 p 7962683 2013-05-12 20:36:38 p 8125904 2013-06-12 20:48:34 p 8125904 2013-06-22 10:00:22 4090202 2013-06-22 10:00:22 4000202 4003-002 40002 400000000000000000000000000000000	Transfer Status No files are being transferred at present.
	Defeash	C

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Step 9.

Select "Transfer" then "Yes" to upload the data.zip file to the selected destination. Do this again for SPB by redoing steps 5-9.



Step 10.

Once the files are now downloaded to the workstation then please upload to the secure File Drop page using the below link:

https://onecall.pivitglobal.com/file-upload/quote

Please fill in as much information on this page to identify where the files are coming from, if they need to be reviewed ASAP or NBD, and any notes that may be pertinent. You may drag and drop the Diagnostic Files or use the "Add Files" button on this page then click "Send" to send the files to PivIT Global. A confirmation email will be sent to OneCall Support letting them know the files are now available for review.

This concludes this procedure.