

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

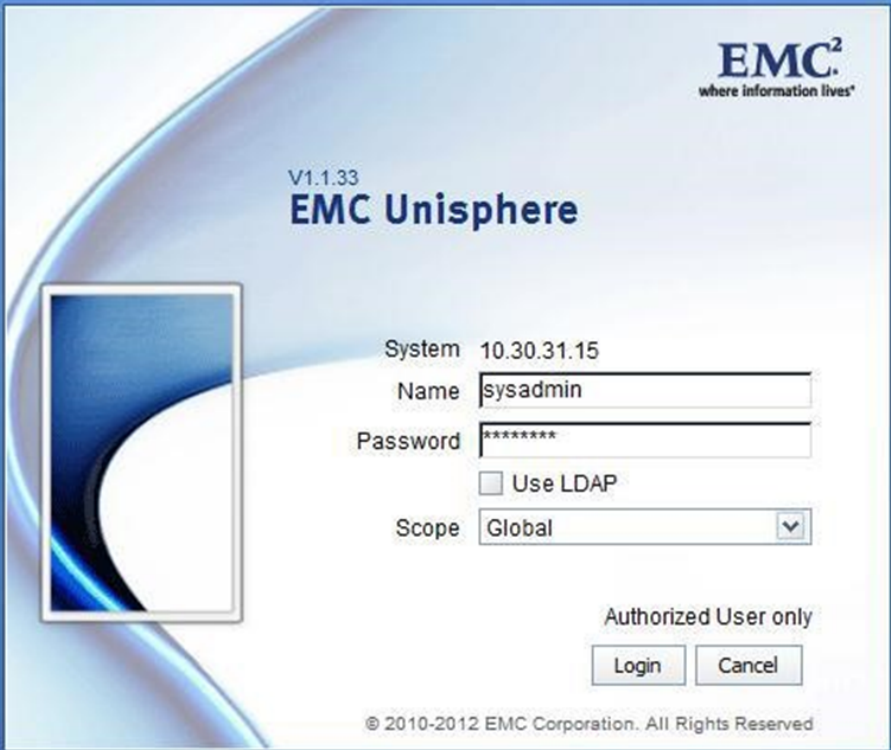
Learn what happens with the outputs retrieved and why we need the information from these commands at [PIVIT's Sparring Integrity Program](#).

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



EMC²
where information lives[®]

V1.1.33
EMC Unisphere

System 10.30.31.15
Name
Password
 Use LDAP
Scope ▼

Authorized User only

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Step 2:
 Select the VNX system you want to collect from.

The screenshot shows the EMC Unisphere web interface. A red arrow points to the 'VNX5500' system in the 'Systems by Severity' table. The interface includes a navigation bar with 'All Systems', 'Dashboard', 'System List', 'Domains', 'Alerts', and 'Support'. Below the navigation bar, there are two tables: 'Systems by Severity' and 'Alerts by Severity (10 of 11)'. The 'Systems by Severity' table has columns for System, Domain, Status, and Model. The 'Alerts by Severity' table has columns for Severity, System, Message, and Created. Below the tables are two bar charts: 'Overall Capacity - Most Free Space (1 of 1)' and 'Capacity for File - Most Free Space (1 of 1)'. The overall capacity chart shows 'Free Raw Disk' at 340.53 GB. The capacity for file chart shows 'Free' space at 6305.99 GB. The bottom status bar indicates 'Alerts: 11', '2 Critical', 'Certificates: 1', and 'User: sysadmin'.

System	Domain	Status	Model
VNX5500	Local	Critical (2)	VNX5500 (U...)

Severity	System	Message	Created
Critical	VNX5500	Slot 2 has panic...	Aug 22, 2013 9:4...
Critical	VNX5500	Slot 2 has panic...	Aug 22, 2013 9:3...
Error	VNX5500	Slot 2: The DNS c...	Sep 15, 2013 4:0...
Error	VNX5500	Slot 2: The DNS c...	Sep 1, 2013 4:03...
Error	VNX5500	Slot 2: The DNS c...	Aug 23, 2013 12:...
Error	VNX5500	Slot 2: The DNS c...	Aug 18, 2013 4:0...
Error	VNX5500	Slot 2: The DNS c...	Aug 4, 2013 4:00...

Overall Capacity - Most Free Space (1 of 1)

System	Free Raw Disk (GB)	Free Storage Pool (GB)
VNX5500	340.53	

Capacity for File - Most Free Space (1 of 1)

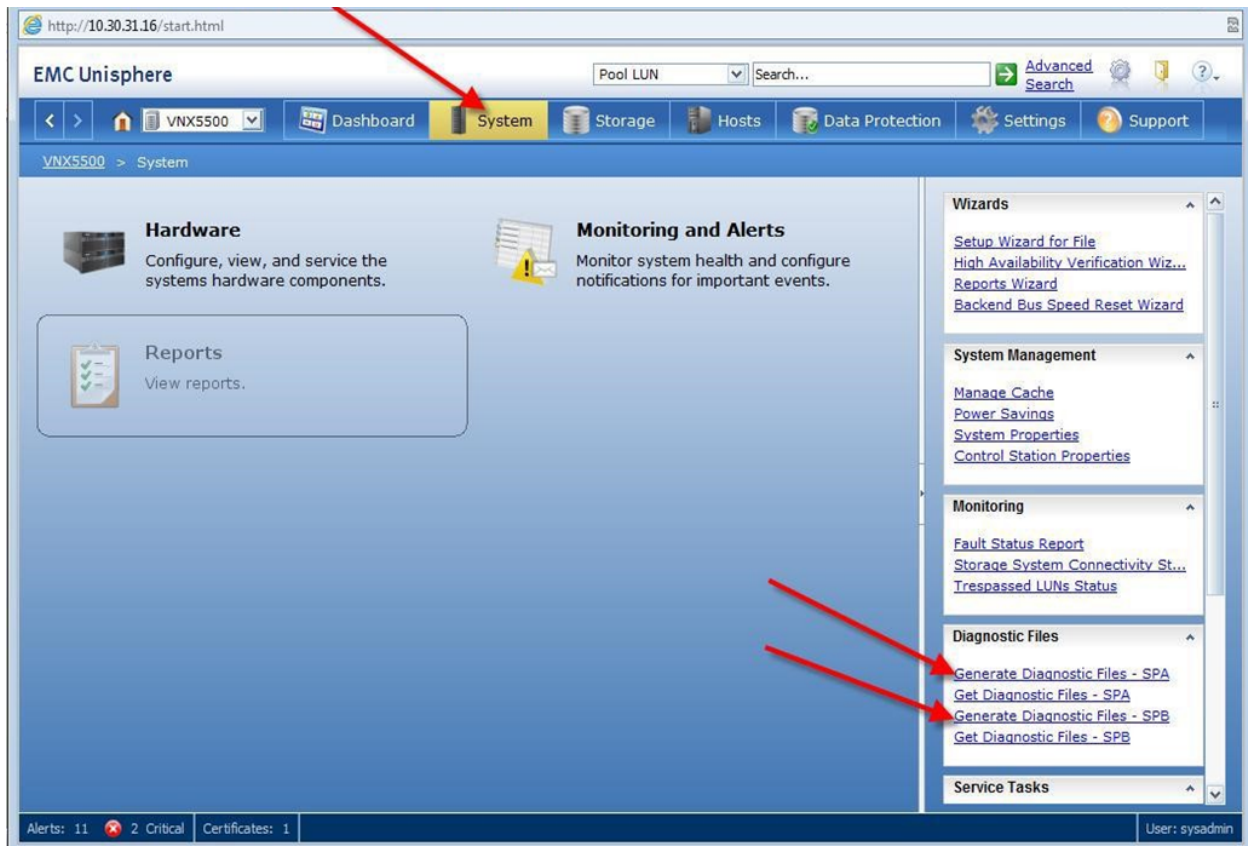
System	Free (GB)
VNX5500	6305.99

Alerts: 11 ✖ 2 Critical Certificates: 1 User: sysadmin

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Step 3.

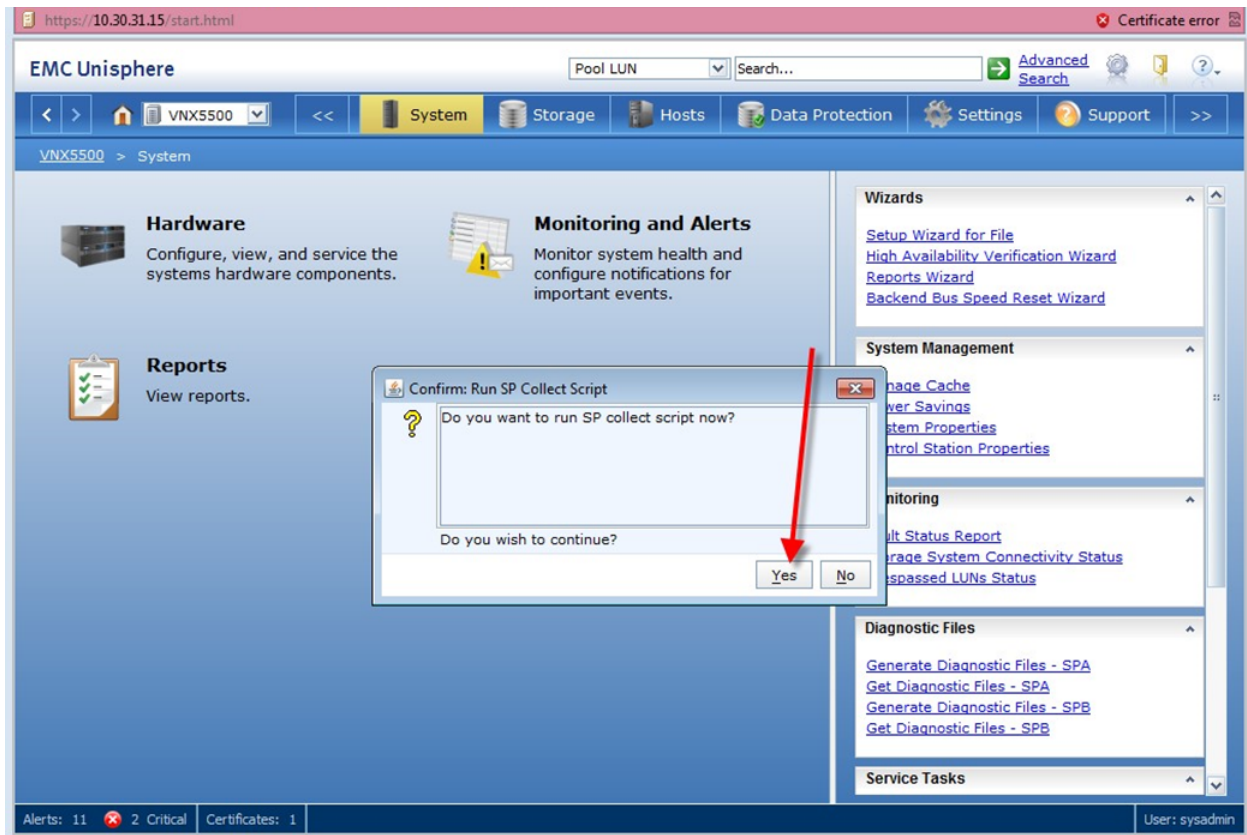
Click on “System”, Then “Generate Diagnostic Files – SPA and SPB”.



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Step 4.

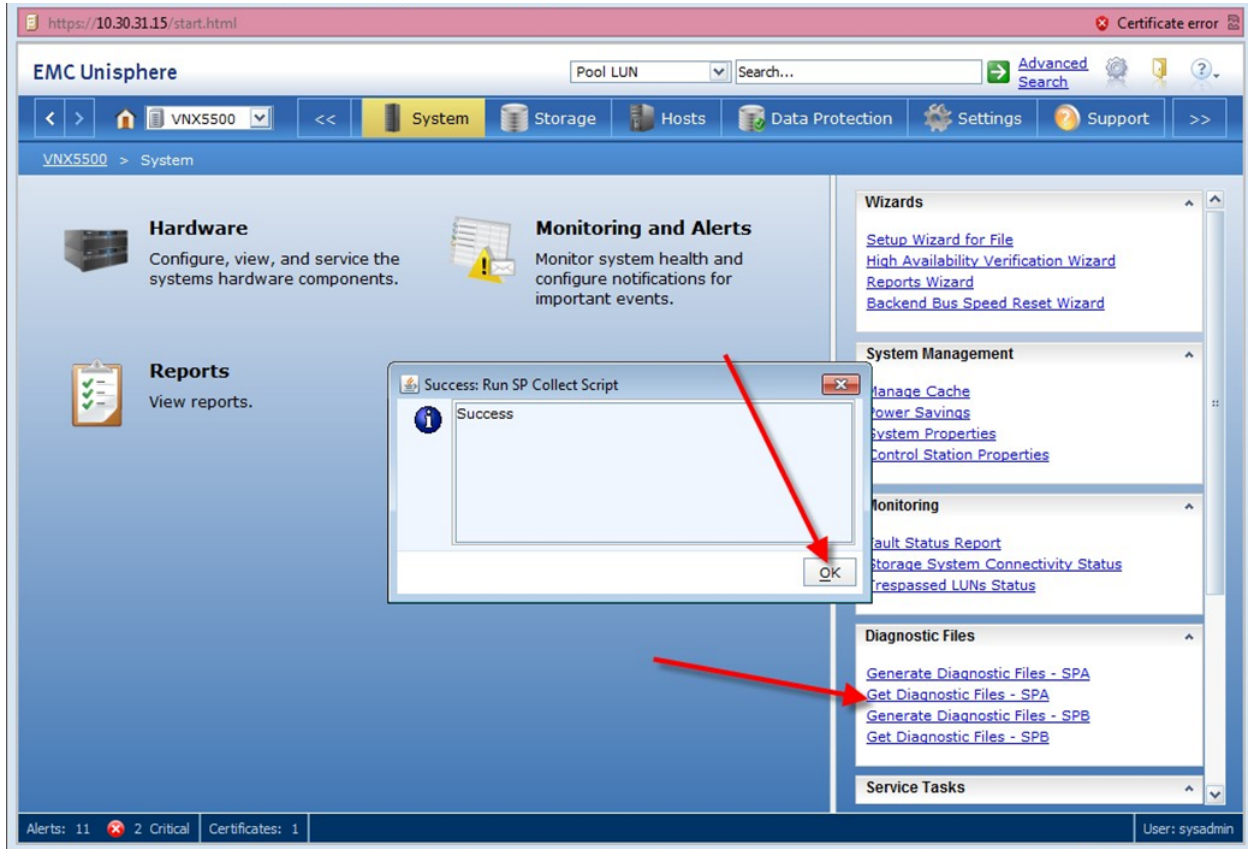
Select “Yes” to run the script for each SPA and SPB. This will start the creation of the “data.zip” files to be downloaded.



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Step 5.

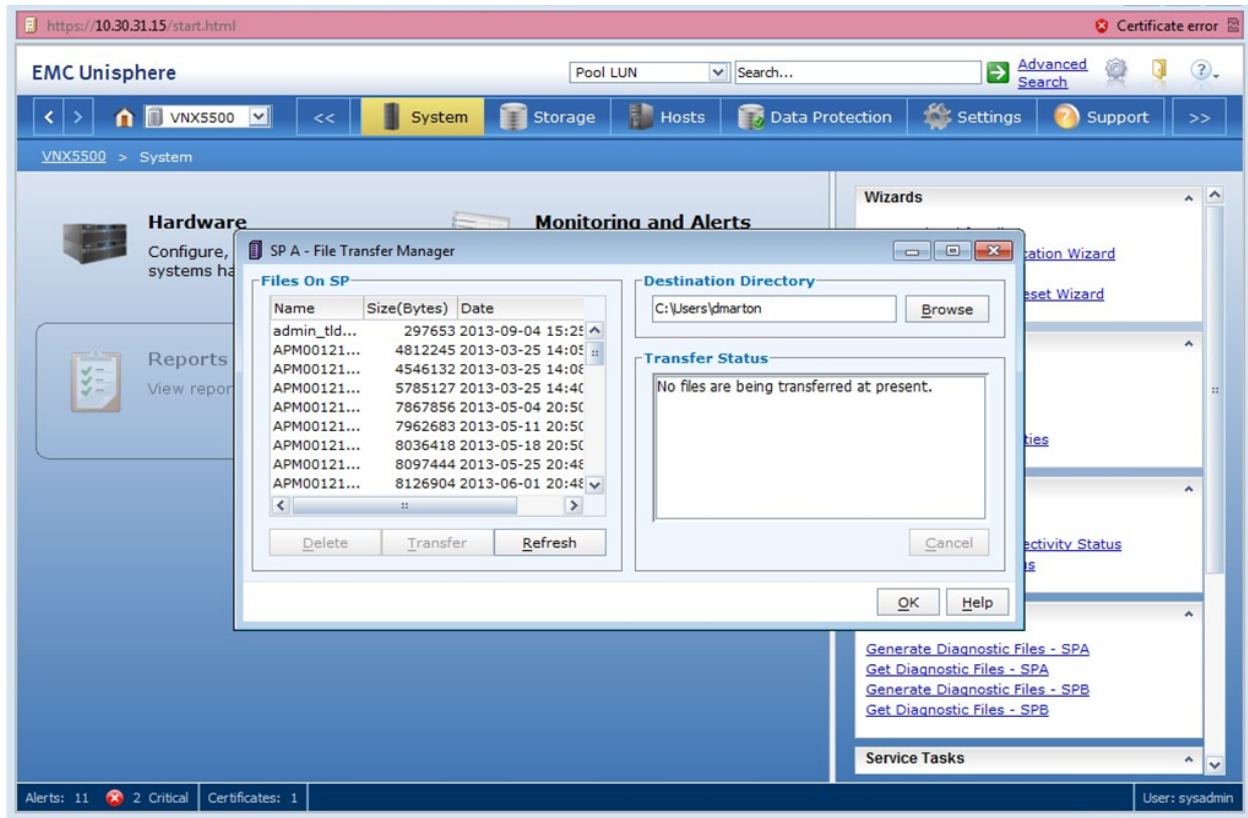
Acknowledge the running of the script with “ok”. Do this for both SPA and SPB. To download data.zip files click on “Get Diagnostic Files – SPA”.



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Step 6.

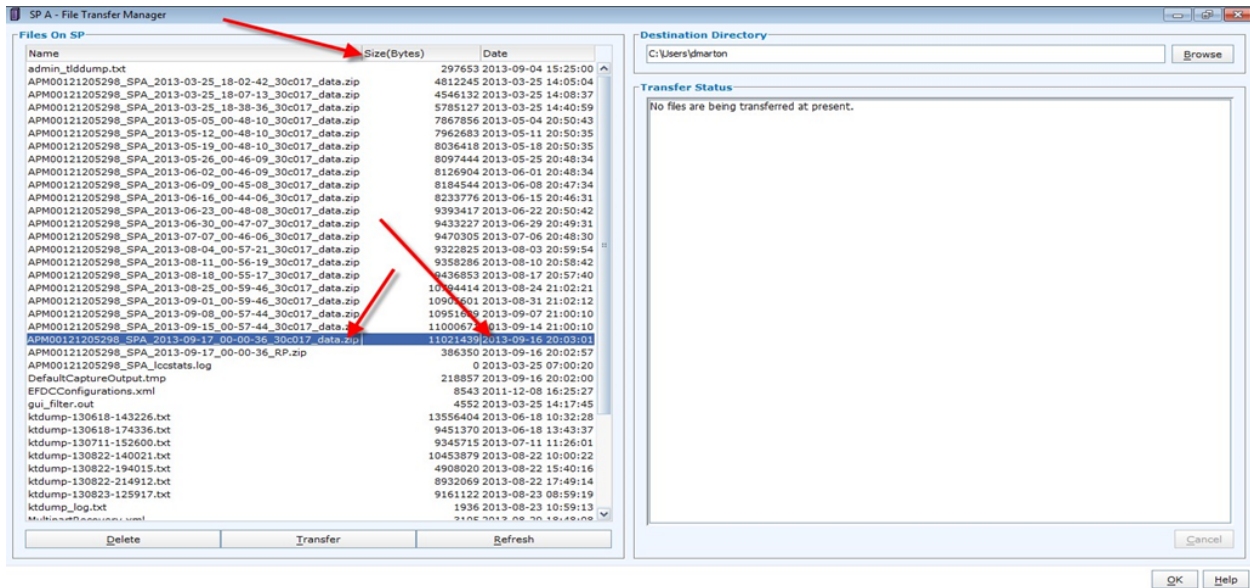
This will open “File Transfer Manager”. Maximize the SPA – File Transfer Manager window. Maximize SPA-File Transfer Manager window.



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Step 7.

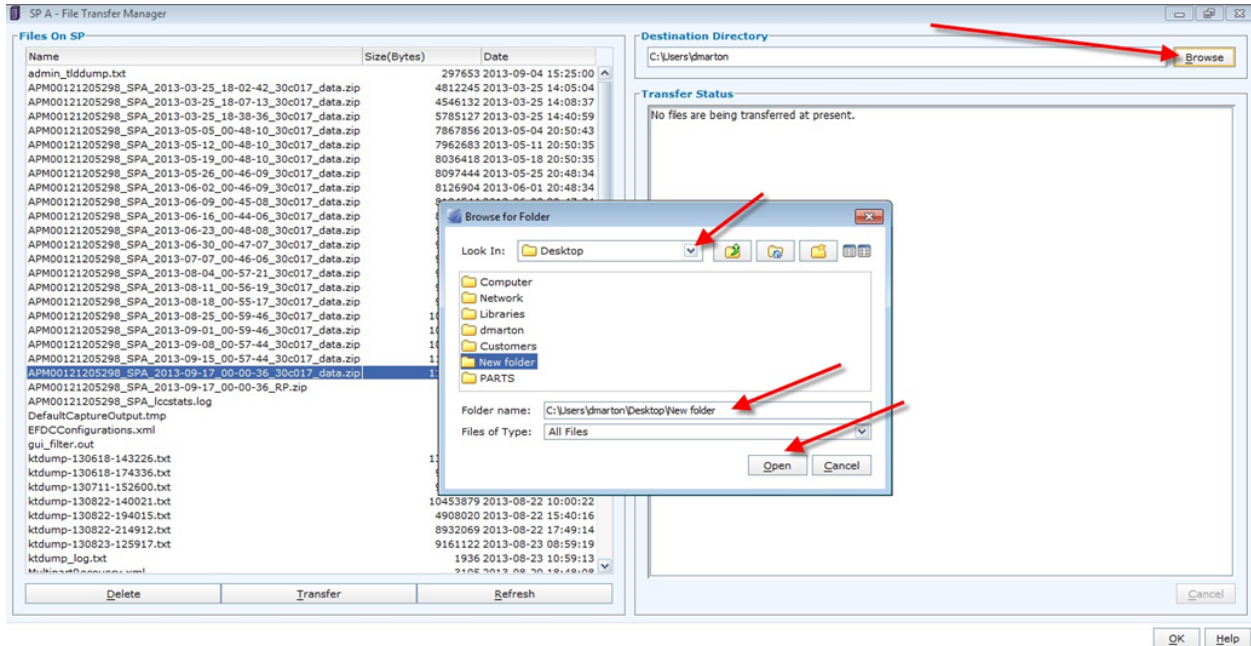
Slide “ Name” column to the right so you can see full filename extension. Look for the newest “data.zip” file and highlight it. Click “Refresh” a couple of times to see if the file size changes. If it does not then it is finished creating and is ready for transfer.



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Step 8.

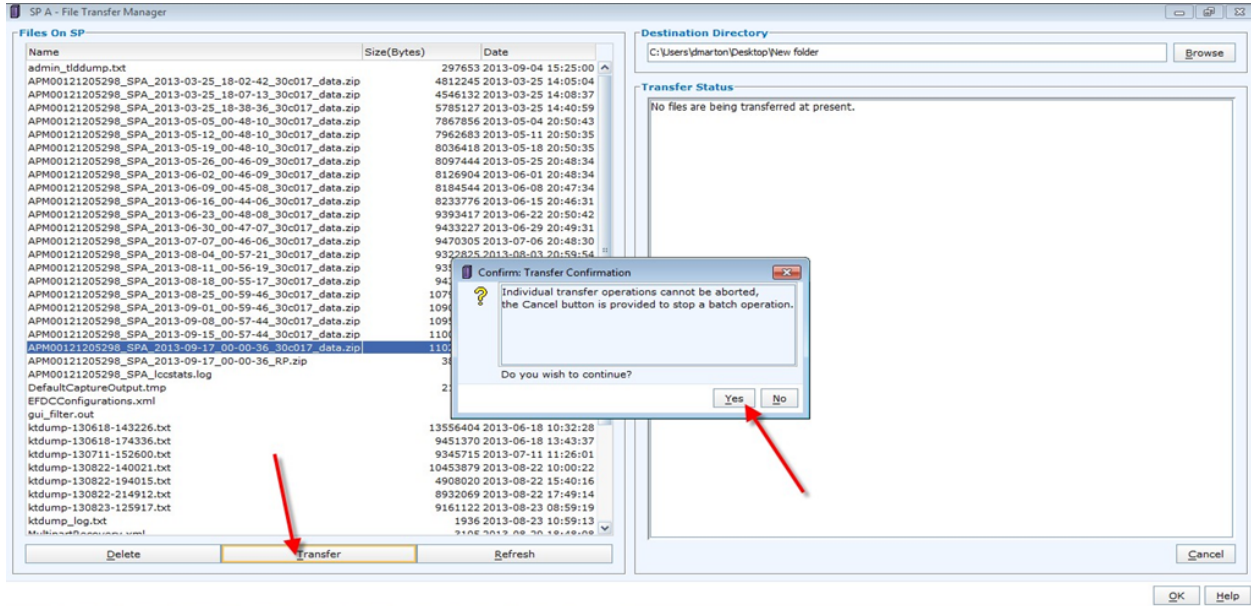
Select “Browse” and point to a known location on workstation the for file to upload to.



See next page

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.