## Updating the SX6 expansion firmware level

## About this task

Perform the following steps to upgrade the firmware level on the SX6s in the frame(s).

**Attention:** Only perform these steps if the TS7500 has been upgraded or running V3 R2 software level.

## Procedure

- 1. Download the following firmware file from the link located in the "Download package" area of the same support website as where you downloaded these instructions. Save it to a directory on the VE console workstation.
  - esm98D0.esm
- If Storage Manager 10 Client is already running, skip to step 4, otherwise, select Start -> Programs -> Storage Manager 10 Client -> Storage Manager 10 Client. You may see the following screen:



- 3. Click Close.
- 4. Select one or more enclosures.
- 5. From the Subsystem Management window, select **Advanced -> Maintenance -> Download -> ESM Firmware**.

語ITSO_LEFT - IBM TotalStorage DS4000/FAStT Storage Manager 9 (* Storage Subsystem View Mannings Array Logical Drive Controller Drive	Subsystem Management)
Image: Sold y Scale y S	Maintenance Download Controller Firmware   Troubleshooting Activate Controller Firmware Controller NVSRAM   Recovery Gear Controller Firmware Drive Firmware/Mode Pages
Logical Storage Subsystem ITSO_LEFT Total Unconfigured Capacity (7,240.793 GB) Array 1 (RAID 5) Array 2 (RAID 5) Array 3 (RAID 5)	Physical Persistent Reservations EM Firmware   Enclosure 81 (back) Place Array Image: Comparison of the second
 	Enclosure 32 (front) - SATA SITE

6. In the **Select Files** window, click **Browse** next to the **File** text box and navigate to locate where the file was saved in step 7.

	Maximum Data Rate	Card Manufacturer	Card A Firmware	Card A Product ID	Card B Firmware	Card B Product ID	Status
Enclosure 11	2 Gbps	IBM	9566	PN 25R0156	9566	PN 25R0156	
Enclosure 12	2 Gbps	IBM	9566	PN 25R0156	9566	PN 25R0156	
Select file							
Select file File: C:\_CVT\32s	torage code\es	m98D0.esm					growse

- 7. Select esm98D0.esm and click Start.
- 8. Confirm the selection and click **Yes**.
- 9. In the **status** field in the **Select enclosures** table, wait for the download for each enclosure to complete.
- 10. Close the Storage Manager 10 Client. The SV6 firmware has been upgraded.