

Connectrix Manager BACKUP and RESTORE Procedures

(Revised Oct 23, 2001 – T. Funke McDATA)

Below are a series of step-by-step procedures to backup and restore (or transfer) the Connectrix Manager database from one Service Processor (NT Laptop) to another. This can be used to facilitate the recoverable upgrade from one version of Connectrix Manager to another or to rebuild the Connectrix Manager Service Processor (NT Laptop) in the event of a laptop failure or disaster recovery. This is meant to supplement or clarify the procedures documented in the Connectrix Manager User Manual.

BACKUP Procedures

0. For each product (Director or Switch) managed by the OLD Connectrix Manager Service Processor perform a Product Manager Backup of the NVRAM configuration.
 - A. Open Connectrix Manager Product View
 - B. For each Director/Switch in the Product View, click on the product ICON to open the Hardware View for that Director/Switch.
 - C. .. Click <Maintenance>/<Backup and Restore Configuration>
 - D. Click <Backup>
 - E. Click <OK>
 - F. Click <Close> to close the Hardware View
 - G. .. Proceed to the next Director/Switch

When done with all directors, STOP Quicksync by clicking on the Quicksync Icon located at the lower right corner of the laptop display.

1. Stop EFCM (Start/Settings/Control Panel/Services) and QuickSync Services. This prevents updates to the C:\EFCDATA directory while you are copying it.
2. Copy the C:\EFCDATA directory to a backup folder on the laptop's fixed disk naming it "C:\EFCDATA-<date>" such as "C:\EFCDATA-2001-10-23". This provides a consistent point-in-time snapshot of the Connectrix Manager Database.
3. Copy the backup directory "C:\EFCDATA-<date>" to the zip disk.
4. Remove zip disk. It contains a copy of C:\EFCDATA named "C:\EFCDATA-<date>". Label this "EFCDATA BACKUP".
5. Insert NEW BLANK zip disk into Service Processor. This allows continued use of the Service processor and ongoing backups to the zip disk as required.
6. Reboot Service processor (if it is to continue to be used). This will restart all Connectrix Manager services and ensures that the new zip disk gets a copy of the EFCDATA database.

7. Turn on Quick Sync (Start/Programs/QuickSync) and click “On”
8. Reset QuickSync (Right click on QuickSync icon in lower right hand corner of screen and click on Reset)

Service Processor Build Procedures:

1. Obtain new Service Processor Laptop from EMC. This will contain NT and Connectrix Manager preloaded. If a different version of Connectrix Manager is required, follow the EMC instructions for removing and reinstalling the required version.
2. Set HOSTNAME, IPADDRESS, NETMASK, GATEWAY and DNS names to those of the OLD Service Processor or to what is required for proper operation at this site. In a DR situation this might be different that at the primary location.
3. Add NT usernames and passwords for each account that are different from the default Administrator account.

RESTORE Procedures

1. Reboot New Connectrix Manager Service Processor (New NT Laptop). This will start Connectrix Manager and QuickSync. Normally Connectrix Manager copy the contents of C:\EFCDATA to D:\EFCDATA and then D:\EFCDATA will be copied to the zip drive by QuickSync Services. We will replace this “EFCDATA” with a backup from a zip disk.
 2. Stop ALL 3 Connectrix Manager Services (Start/Settings/Control Panel/Services) and Stop QuickSync. This allows safe removal of the OLD zip disk, SAFE insertion of the new BACKUP ZIP disk and replacing of the C:\EFCDATA directory.
- **** STOP **** Step 2 above is CRITICAL do NOT proceed if you don’t understand!
3. Insert freshly created “EFCDATA BACKUP” zip disk into zip drive (E:).
 4. Delete old EFCDATA on C: Drive and D: Drive.
 5. Copy “E:\EFCDATA-<date>” to “C:\EFCDATA.”

6. Remove the “EFCDATA BACKUP” zip disk from zip drive. Save this disk as an archive.
7. Insert a NEW or OLD zip disk into zip drive (E:) for normal Connectrix Manager Quicksync usage.
8. Do a View/Refresh on E: ZIP Drive. Then delete EFCData directory from E:\ Drive (IF IT EXISTS on this “fresh” ZIP Disk).
9. Disconnect the old Service Processor (NT Laptop) from the Connectrix Cabinet Ethernet Hub. Connect the New Service Processor (NT Laptop) to the Connectrix Cabinet Ethernet Hub.
10. Reboot New Connectrix Manager Service Processor (New NT Laptop). This will start Connectrix Manager and QuickSync
11. Ensure QuickSync is ON or Turn on QuickSync (Start/Programs/QuickSync) and click “On”
12. Reset QuickSync (Right click the QuickSync icon in lower right corner of laptop screen and click “Reset”)
13. Connectrix Manager will copy the contents of C:\EFCDATA to D:\EFCDATA and QuickSync Services will then copy D:\EFCDATA to the zip drive.