This guide describes the layout and configuration of SW800 storage data center cabinets with the fan tray assembly installed. These configurations and loading sequences replace those shown in chapters 5 and 6 of the SW800 Installation and User’s Guide.

**Cabinet Configuration**

____________ WARNING ______________

Failure to install cabinet components in the proper order could result in cabinet instability, injury to personnel, and damage to equipment.

The SW800 cabinet operates with 8- or 16-bit shelves. The order of installation of these shelves is predetermined to allow for cabinet loading, cable length factors, and cooling. Figure 1 through Figure 6 shows the shelf layout and configuration of the cabinet, front and rear.

To prevent cabinet instability, and improper cooling, all components must be installed in the order shown by the position numbers in the illustrations.
Figure 1  SW800 Storage-Only Cabinet Shelf Locations Without Tape Drives
Figure 2  SW800 Storage-Only Cabinet Shelf Locations With Two Tape Drives
Figure 3 SW800 Storage-Only Cabinet Shelf Locations With Four Tape Drives
Figure 4  SW800 Controller/Storage Cabinet Shelf Locations Without Tape Drives

CABINET FRONT  CABINET REAR  CXO-4575A-MC
Figure 5  SW800 Controller/Storage Cabinet Shelf Locations With Two Tape Drives

CABINET FRONT  CABINET REAR

HOLE #3

HOLE #14
CABLE PASS-THROUGH

HOLE #26

HOLE #32

HOLE #38

HOLE #44

HOLE #50

HOLE #56

SHelf MOUNTING LOCATIONS

TAPE POSITION T2 (C1-C4)

TAPE POSITION T1 (C1-C4)

TAPE POSITION T1 (C1-C4)

TAPE POSITION T2 (C1-C4)

CONTROLLER POSITION C3

CONTROLLER POSITION C1

CONTROLLER POSITION C2

CONTROLLER POSITION C4

CDU A

CDU B

FAN TRAY ASSEMBLY

STORAGE POSITION S12 (C3)

STORAGE POSITION S1 (C1)

STORAGE POSITION S2 (C1)

STORAGE POSITION S3 (C1)

STORAGE POSITION S4 (C1)

STORAGE POSITION S5 (C1)

STORAGE POSITION S6 (C1)

STORAGE POSITION S13

STORAGE POSITION S11

STORAGE POSITION S10

STORAGE POSITION S9

STORAGE POSITION S8

STORAGE POSITION S7

STORAGE POSITION S6

STORAGE POSITION S5

STORAGE POSITION S4

STORAGE POSITION S3

STORAGE POSITION S2

STORAGE POSITION S1

CABLE PASS-THROUGH

HOLE #14

HOLE #26

HOLE #32

HOLE #38

HOLE #44

HOLE #50

HOLE #56

HOLE #3

HOLE #14

HOLE #26

HOLE #32

HOLE #38

HOLE #44

HOLE #50

HOLE #56

SHELF MOUNTING LOCATIONS

CXO-4576A-MC
Figure 6  SW800 Controller/Storage Cabinet Shelf Locations With Four Tape Drives