Quantum Scalar i500:
FC I/O Fan Blade Replacement

Each Fibre Channel (FC) I/O blade is cooled by a fan blade. In the Scalar® i500, the fan blade is always installed in the bay to the right of the FC I/O blade. Each expansion module has four bays and can accommodate two FC I/O blades and two fan blades (see Figure 1 on page 2).

Figure 1 FC I/O Blade and Fan
Blade Bays in an Expansion
Module
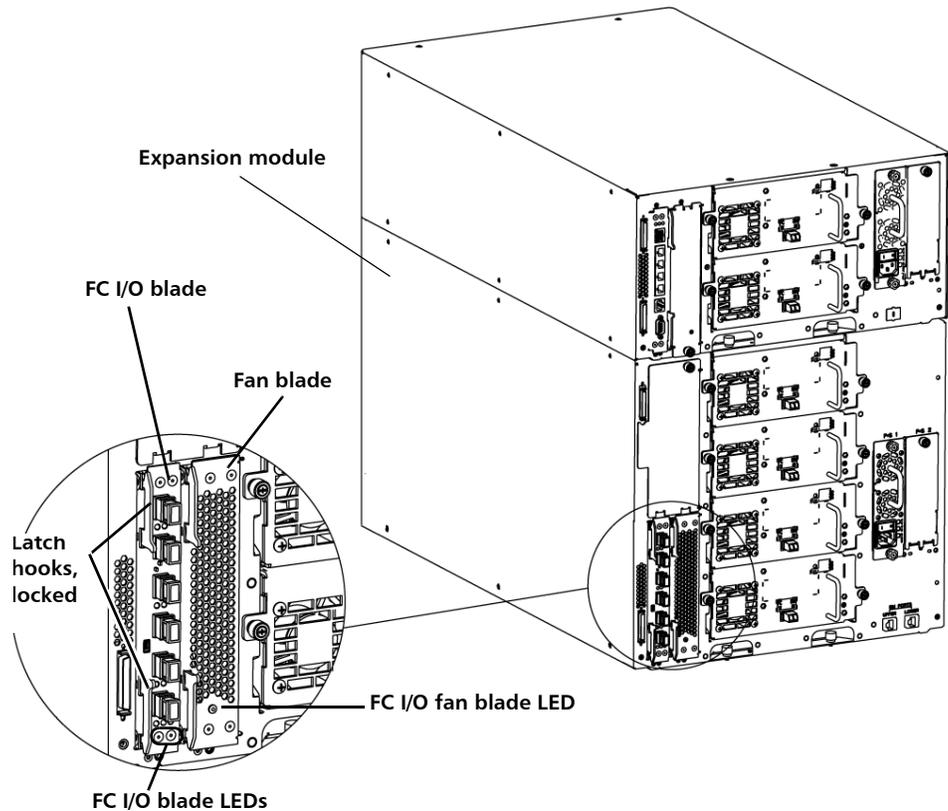
To replace the FC I/O fan blade, refer to the following sections:

- Removing an FC I/O Fan Blade on page 2

- Replacing an FC I/O Fan Blade on page 3

Removing an FC I/O Fan Blade

These instructions explain how to remove an FC I/O fan blade from your library. You can remove an FC I/O fan blade while the library is powered on.

Caution: Do not permanently remove an FC I/O fan blade unless you also permanently remove the FC I/O blade to which it is associated.

Required tools: None

1 Save the library configuration:

a From the Web client, select **Tools > Save/Restore Configuration**.

b Select **Save System Configuration**, and click **Apply**.

2 Access the back of the expansion module containing the FC I/O fan blade.

3 Lift the latch hooks out of the locked position (see Figure 1), and push them up. You will feel the FC I/O fan blade unplug from the expansion module's backplane.

4 Continue lifting on the latch hooks until the blade is totally unplugged from the backplane.

5 Slide the FC I/O fan blade out of the expansion module.

Replacing an FC I/O Fan Blade

These instructions explain how to replace an FC I/O fan blade in your library. You can remove and replace an FC I/O fan blade while the library is powered on.

Required tools: None

1 Access the back of the expansion module.

2 Press up and out to open the latch hooks on each side of the replacement I/O fan blade (see Figure 2 on page 3).

Figure 2 Replacement I/O Fan Blade
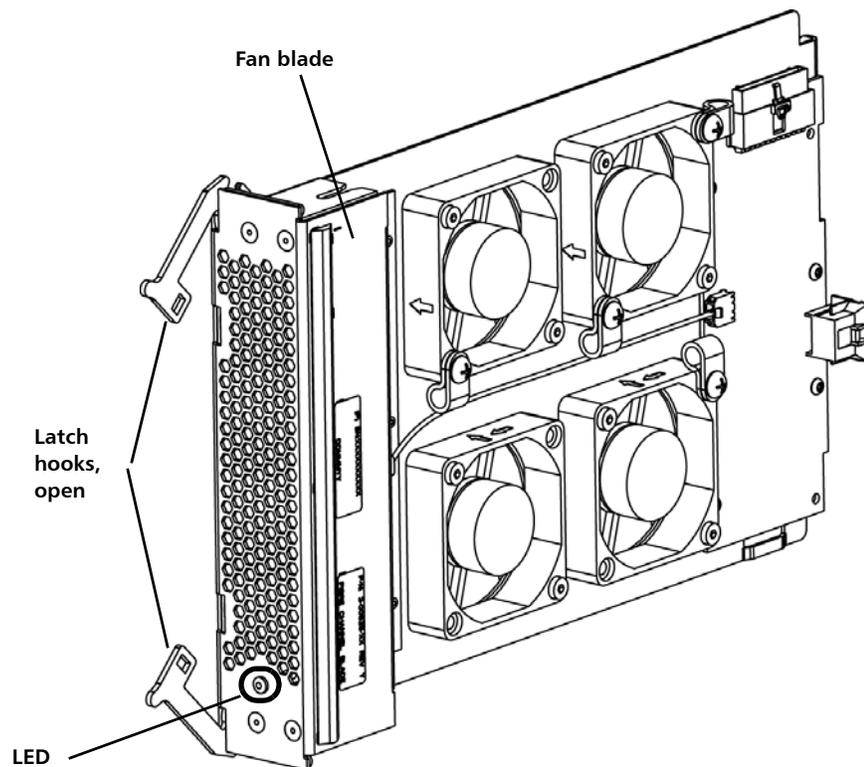
3 Carefully align the FC I/O fan blade with the guide slots in the bay. The status LED must be at the bottom (see Figure 2).

> **Caution:**   Forcing the blade into the bay can cause the pins to bend.

4 Evenly apply pressure to both ends of the FC I/O fan blade and slide it into the expansion module until the latch hooks begin to move toward the middle of the blade. As you push in on the blade, you will feel the blade pins connect with the expansion module's backplane.

5 Push the latch hooks into the locked position.