

Introduction

A zone is a group of devices within a fabric that you want to communicate with each other—for example, a host, a storage array, and the switch that connects them. You create a zone by grouping the connected ports of the devices involved. A zone set is a collection of zones that are activated together, partitioning a fabric into zones.

This quick start illustrates two simple zoning operations: zoning a new host and zoning recovery. For important zoning concepts, information on the different ways to access zoning features and dialog boxes, and other zoning operations, see online Help topic [Zoning](#). To learn more about agents, see [Agent administration overview](#).

Zoning a New Host: “I connected a new host to a fabric in my SAN. How do I zone it so it can communicate with the storage array?”

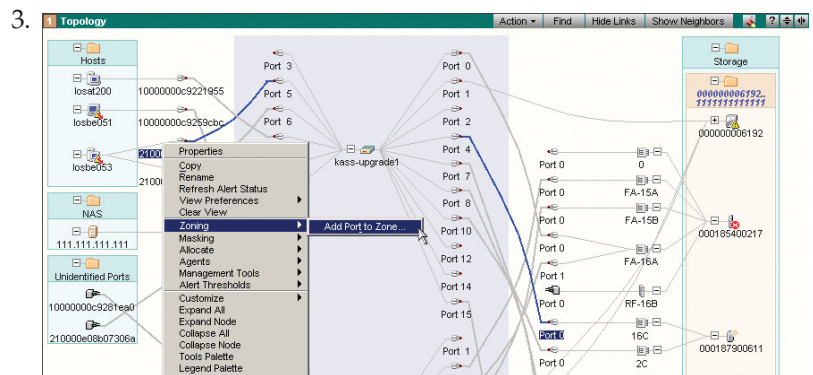
Required Agent: Fibre Channel Connectivity Agent to discover and manage switches and fabrics

Useful Agents: Host agents and storage agents to fully discover hosts and storage arrays

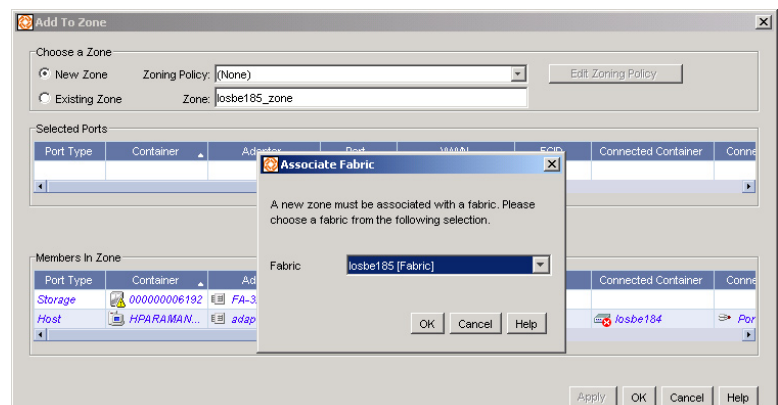
To learn more about discovery, see [San Manager Quick Start Discovery](#).

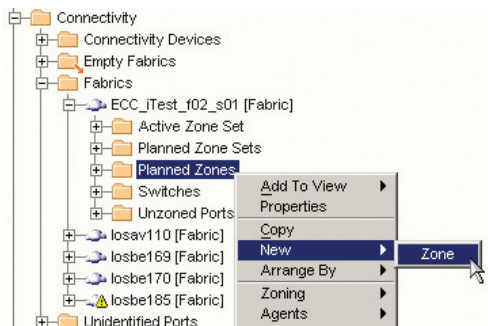
Creating a Zone: Option 1

1. Click **Topology** in the Console toolbar to open Topology view. Find the host you want to zone in the tree panel and add it to Topology view by double-clicking it, checking the box to its left, or dragging it into the view; the fabrics and storage arrays connected to it are also added to the view. Expand the host, fabric, and storage array you want to zone.
2. Select both the host port and the storage port you want to add to the new zone. Their links to the switch ports are highlighted. Right-click one of the selected ports and select **Zoning, Add Port to Zone**.



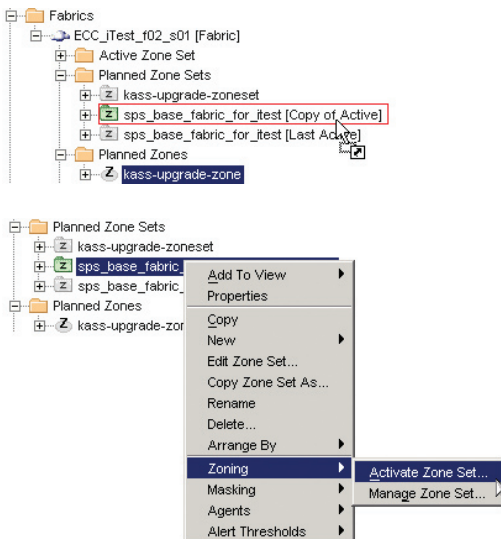
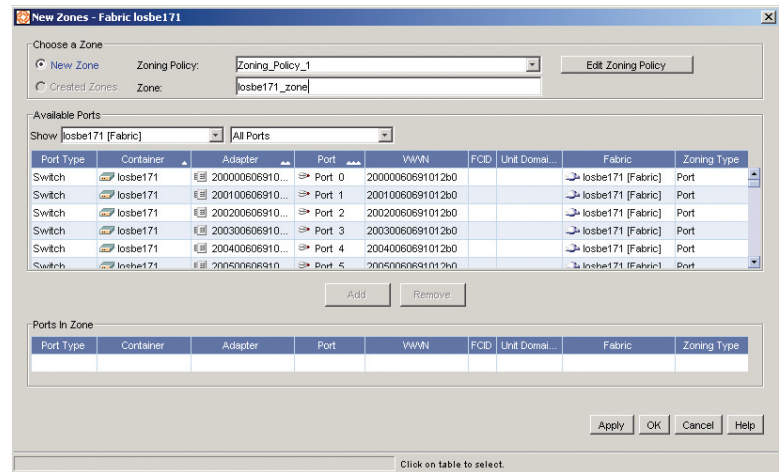
Apply a zoning policy, which automatically names the new zone, or enter a new name. (To add the ports to an existing zone, select **Existing Zone** and choose a fabric and zone.) The ports you selected are provisionally listed in the Members in Zone table; click **OK** to create the zone with those members, associate it with a fabric, and exit. (See [Adding ports to zones](#).)





Creating a Zone: Option 2

1. Expand **Connectivity, Fabrics** in the Console tree panel, then expand the fabric within which you want to create the zone. Right-click the **Planned Zones** folder and select **New, Zone**.
2. Apply a zoning policy or name the new zone and select the storage, switch, and host ports you want to add. (See [Creating zones](#).) Click **OK** to add the zone to the fabric's **Planned Zones** folder.



Activating a Zone

1. Expand **Connectivity, Fabrics** in the Console tree panel, then expand the fabric containing the zone. Drag the new zone from the **Planned Zones** folder and drop it onto the zone set tagged [Copy of Active] in the **Planned Zone Sets** folder. The new zone is added to the zone set and the zone set tag changes to [Modified Copy of Active].
2. To activate the new zone, right-click the [Modified Copy of Active] zone set and select **Zoning, Activate Zone Set**. On the confirmation dialog box, select **Continue and Overwrite** and click **Execute**. The new zone is now part of the active zone set on the fabric, and the host and the storage array can now communicate with each other.

Zoning Recovery: "I made a mistake! How do I get back to the old active zone set?"

Required Agent: Fibre Channel Connectivity Agent

Expand **Connectivity, Fabrics** in the tree panel, then expand the fabric whose active zone set you just modified. In the **Planned Zone Sets** folder, right-click the zone set tagged [Last Active]—a copy of the previous active zone set—and select **Zoning, Activate Zone Set** (as shown in [Zoning a New Host](#)). Select **Continue and Overwrite** and click **Execute**.

Note: This procedure lets you recover to the most recent active zone set, but no earlier. The active zone set you replace becomes the [Last Active] zone set.