



## "How do I correct empty fabrics in ControlCenter after switch re

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### Knowledgebase Solution

Question:	How do I correct empty fabrics in ControlCenter after switch reboot?
Environment:	McDATA Switches
Environment:	Brocade
Environment:	Cisco
Environment:	EMC SW: EMC ControlCenter
Problem:	Existing fabric in ControlCenter has new fabric ID
Problem:	Empty fabric with ID of original Principal now in empty fabrics folder
Problem:	SAN traffic unaffected
Change:	Switches rebooted
Fix:	<p>When the Principal switch of a multi-switch fabric is rebooted while others are not, a new switch is discovered and added to the fabric. This occurs if all switches in a fabric are rebooted, and a smaller switch (often an edge switch in a multi-switch fabric, often a director-class switch) is the former Principal.</p> <p>When this happens ControlCenter will discover the fabric as a "new" fabric as it has a new Principal switch under this fabric.</p> <p>The "original" fabric will now appear in the Empty Fabrics folder. An alert may also be generated. This alert always occurs and should not be relied upon as an indicator. The true indicator is when you see the "original" fabrics.</p> <p>To correct this within ControlCenter, there are two directions you can go in.</p> <p>1) If you wish to restore the original switch as the Principal, do that first. Then, in ControlCenter, delete the fabric; delete the fabric, and then in empty fabrics folder delete the empty fabric. This will delete the Service Processor/DS-M host (McDATA environment) or the switches themselves (Brocade or Cisco environment) and are displayed as one fabric from the Native Tool.</p> <p>The objects will be discovered and populated into ControlCenter.</p> <p>2) The other option is to allow the "new" Principal to remain Principal. In this case, we simply delete the old domain ID) and restart the FCC agent.</p>