

## Rack Mounting Switches

When mounting smaller switch products into a standard 19-inch rack, a pair of extension brackets (sometimes referred to as ears) are needed to adapt the switch to the rack size.

These extension brackets are mounted on the switch using the screws provided in the kit, and have two holes that are used to then screw the switch into the rack.

An example of one type of these extension brackets is shown here:



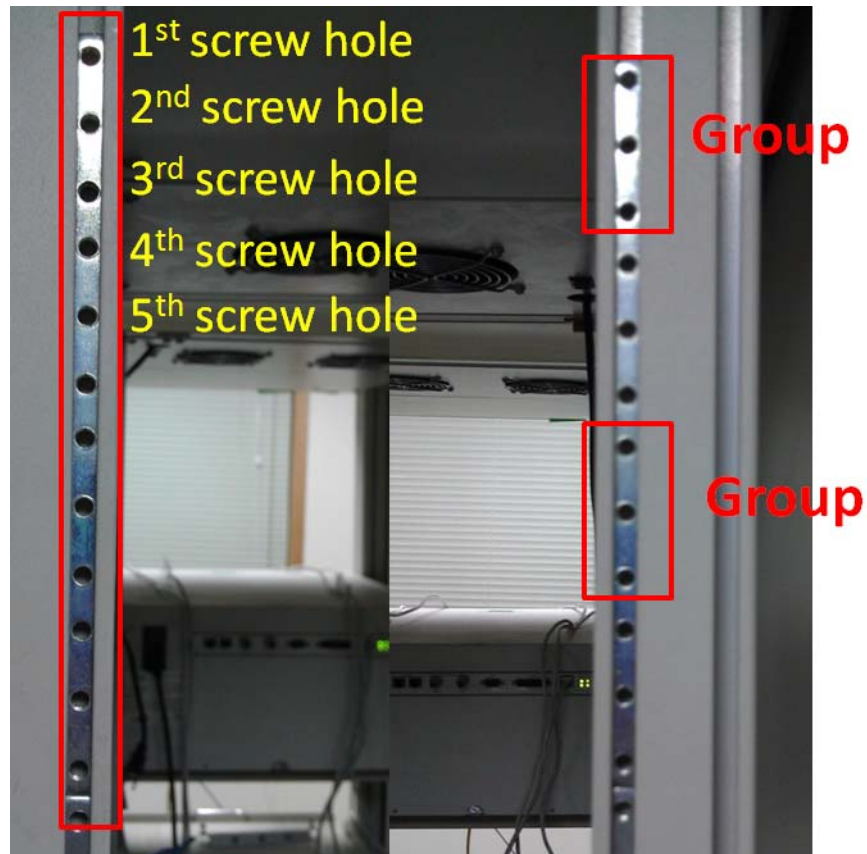
A common problem that occurs during rack mounting is the distance between the screw holes on the rack. Some racks are made with a uniform distance between all of the holes, and others have the holes organized into groups (see photo on the next page for an example).

When organized into groups, the switch must be placed in the rack so that the holes in the extension brackets line up correctly.

## Application Note

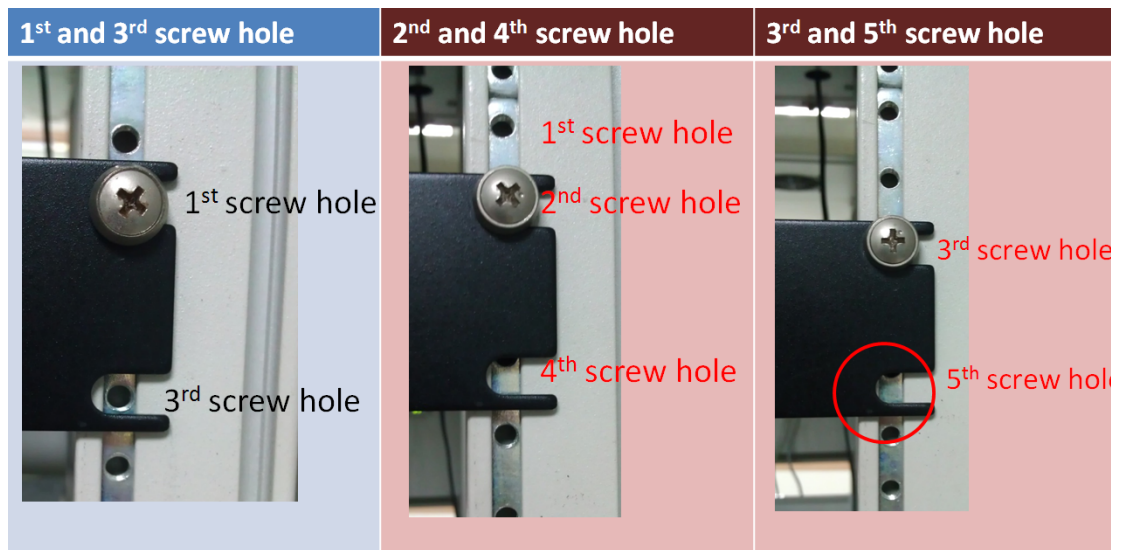
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The new series of Cisco switches have extension brackets that are designed to mount into the first and the third screw holes in the rack. An example of the screw hole grouping (with non-uniform distances) is shown here:



The proper alignment for the mounting screws and the holes is achieved when the top hole of the extension bracket uses the first hole in the group and the bottom hole uses the third hole in the group.

See the following example:



By using the first and third screw holes of a group, proper mounting can be achieved.



**CAUTION**

For stability, load the rack from the bottom to the top, with the heaviest devices on the bottom. A top-heavy rack is likely to be unstable and may tip over.

# Where To Go From Here

Cisco provides a wide range of resources to help you and your customer obtain the full benefits of the Small Business Switches.

<b>Support</b>	
Cisco Small Business Support Community	<a href="http://www.cisco.com/go/smallbizsupport">www.cisco.com/go/smallbizsupport</a>
Cisco Small Business Support and Resources	<a href="http://www.cisco.com/go/smallbizhelp">www.cisco.com/go/smallbizhelp</a>
Phone Support Contacts	<a href="http://www.cisco.com/go/sbsc">www.cisco.com/go/sbsc</a>
Cisco Small Business Firmware Downloads	<a href="http://www.cisco.com/go/software">www.cisco.com/go/software</a>
<b>Product Documentation</b>	
Cisco Small Business Series Switches	<a href="http://www.cisco.com/cisco/web/solutions/small_business/products/routers_switches/index.html">www.cisco.com/cisco/web/solutions/small_business/products/routers_switches/index.html</a>
<b>Cisco Small Business</b>	
Cisco Partner Central for Small Business (Partner Login Required)	<a href="http://www.cisco.com/web/partners/sell/smb">www.cisco.com/web/partners/sell/smb</a>
Cisco Small Business Home	<a href="http://www.cisco.com/smb">www.cisco.com/smb</a>

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