Dell™ Systems

Guidelines for Leveling Your Dell PowerEdge™ 4210 Rack



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Notes, Notices, and Cautions



NOTE: A NOTE indicates important information that helps you make better use of your computer.

NOTICE: A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.



🕂 CAUTION: A CAUTION indicates a potential for property damage, personal injury, or death.

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This document provides guidelines for leveling your Dell[™] PowerEdge[™] 4210 rack.

See the *Dell PowerEdge* 4210 Rack Installation Guide for safety instructions and the required steps for assembling, installing, and leveling your PowerEdge 4210 rack. See your system's *System Information* document for safety information concerning your Dell systems.

Your PowerEdge 4210 rack includes four leveling feet—one leveling foot mounted on each corner of the rack—and four leveling pads, which are packaged separately and included with your rack. The leveling feet and pads are designed to align the rack in an upright, level position when the rack is positioned on a slightly uneven floor surface. Before you install your Dell systems in the rack, install the leveling pads, deploy the leveling feet, and adjust the leveling feet as described in your *Rack Installation Guide*. When you level your rack, follow the guidelines listed below.

A CAUTION: Read all statements below before you adjust the leveling feet.

- Always install the stabilizer feet before you install your systems in the rack. Mounting systems in the rack without installing the front and side stabilizer feet could allow the rack to tip over and cause bodily injury under certain circumstances.
- Do not attempt to move your rack with equipment installed. If you move a fully loaded rack on a slightly uneven floor surface, the rack may become unstable and tip over.
- Adjust the leveling feet until each leveling foot rests firmly on top of the leveling pad. Proper contact with the leveling pads ensures that each leveling foot is supporting the weight of the rack and prevents the rack from swaying in any direction.
- Adjust the leveling feet until the front stabilizer mounting holes align with the mounting holes in the rack. Ensure that the stabilizer feet are positioned flat on the floor. The stabilizer feet are not designed to support the weight of the rack.
- When you adjust the leveling feet, ensure that no caster is more than 5 millimeters (mm) (3/16 inches) above the floor. If you exceed 5 mm of clearance between the floor and the casters as you adjust the leveling feet, stop the leveling procedure; the floor is too uneven. Screw the leveling feet back into the rack, remove the leveling pads, and then move the rack to another location that requires minimal adjustments to the leveling feet.
- Do not attempt to move your rack with the leveling feet deployed. The leveling pad supporting each leveling foot may shift and slip out, which may cause the rack to tip over.
- Always level the rack and install the stabilizing feet before you install your systems. A fully loaded rack may tip over if the rack is resting on an uneven floor surface and the leveling feet are not supporting the weight of the rack.

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