Warnings!

Watch out for the scratches that may be caused by the cabinet, chassis or rails.

Be aware of electric shock when installing the servers into the cabinet in use.

- For servers of 2U or larger form factor, use at least 2 people.
- Do not block the vents on the server during installation.
- Remove the protective film from the chassis before installing servers into the rack.
- Leave a minimum clearance of 150 mm (5.9 in.) for the front and rear ends of the server to ensure proper ventilation.
- Always install blanks if the bays have not been loaded with any equipment to ensure proper air flow and avoid air turbulence in the server room.
- Servers can only be deployed in dedicated cabinets with vents or specialized liquid cooling cabinets to avoid server failure from overheating as they are high power appliances.
- Always load equipment into a cabinet from the bottom up and place the heaviest equipment in the bottom bay.
- Do not install equipment beyond the cabinet capacities of load bearing, power supply and heat dissipation.
- For easy access to the front and rear ports and cable routing, leave a minimum clearance of 70mm (2.8 in.) between the server front end and the cabinet front door, and a minimum clearance of 150 mm (5.9 in.) between the server rear end and the cabinet rear door.

 For equipment ≥ 15 kg (33.07 lbs), use at least 2 people.

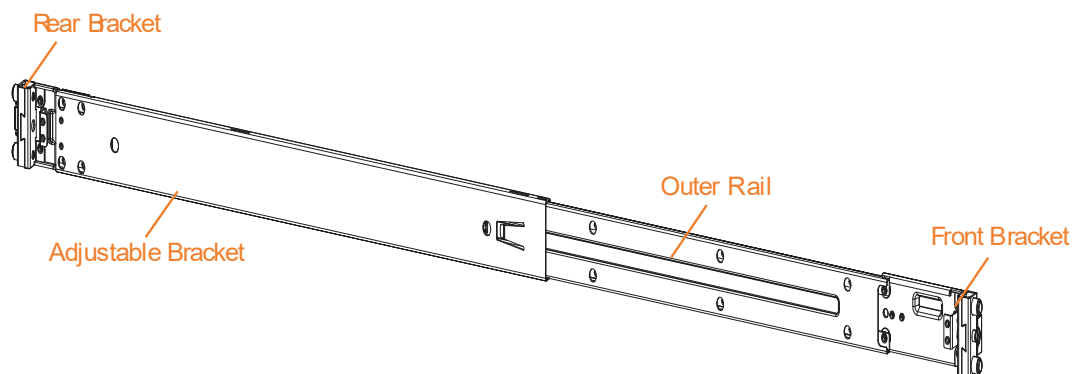 For equipment ≥ 30 kg (66.14 lbs), use at least 3 people.

 For equipment ≥ 50 kg (110.23 lbs), use at least 4 people.

Please keep this document for future reference.

Rack Server
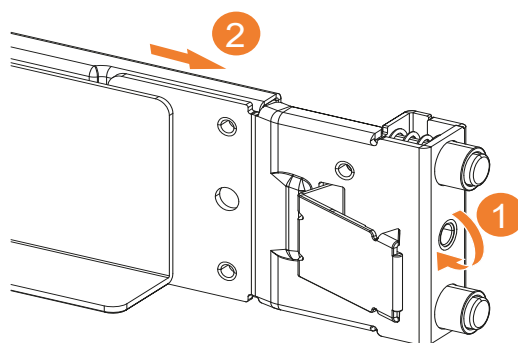
Mona 2U Series

Installation Guide

Rail 1

Identifying the Rail

Rear Bracket
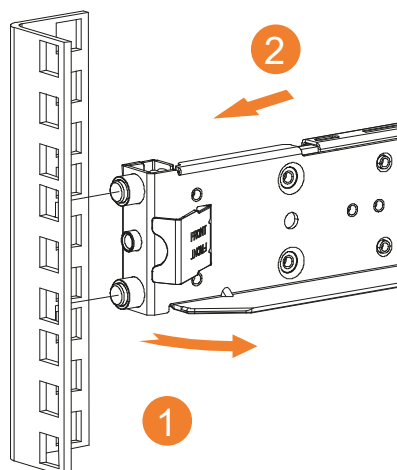Outer Rail
Front Bracket
Adjustable Bracket

NOTE: The rail marked with L/R or Left/Right is the left/right rail and should be installed on the left/right of the rack with the mark facing inward.

Installing the Rails and Server

1 Determine the mounting holes for the rear bracket. Align the mounting pins on the rear bracket with the mounting holes on the mounting flange. Rotate the locking latch as indicated by arrow ① and push the rail as indicated by arrow ② until the mounting pins are engaged with the mounting holes and the latch clicks into place.
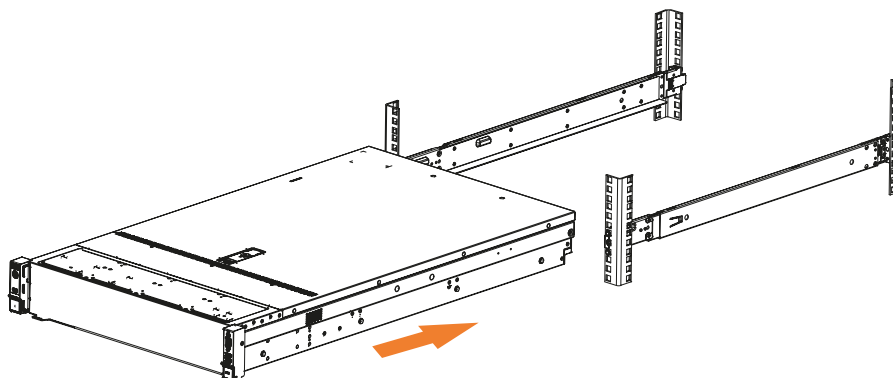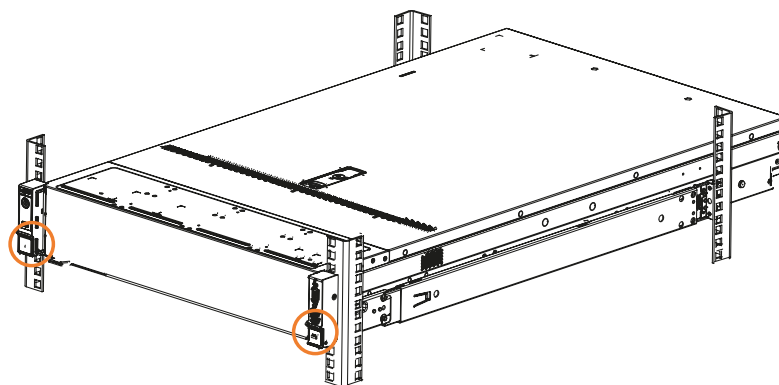

2 Determine the mounting holes for the front bracket. Align the mounting pins on the front bracket with the mounting holes on the mounting flange. Rotate the locking latch as indicated by arrow ① and push the rail as indicated by arrow ② until the mounting pins are engaged with the mounting holes and the latch clicks into place.

3   Repeat steps 1 and 2 to install the other rail.

   NOTE: The rear and front brackets, and the two rails must be installed at the same height.

4   Align the server with the rails, and slide the server all the way into the rack.
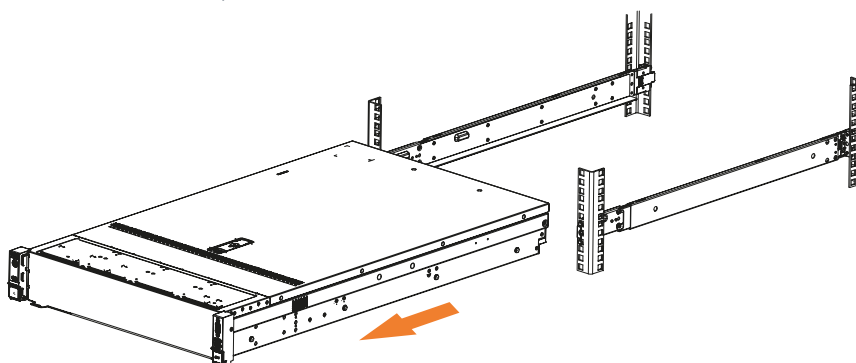
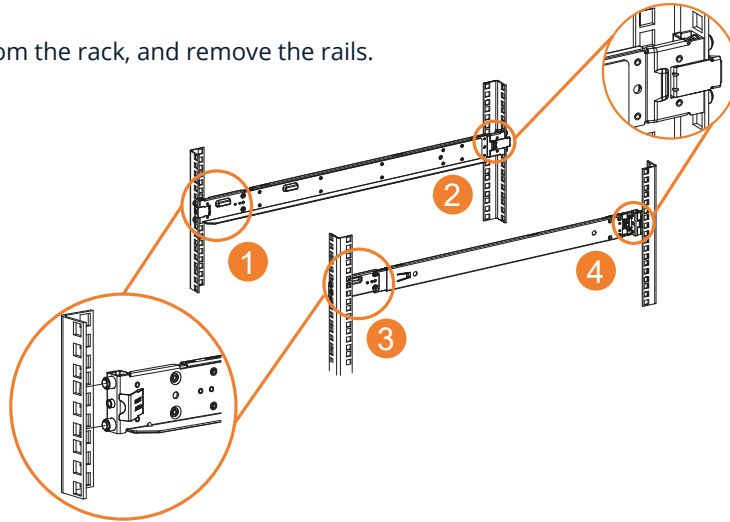5   Open the ear latches, and tighten the two captive screws under the ear latches with a screwdriver.

Removing the Server and Rails

1   Open the ear latches, and loosen the two captive screws under the ear latches.

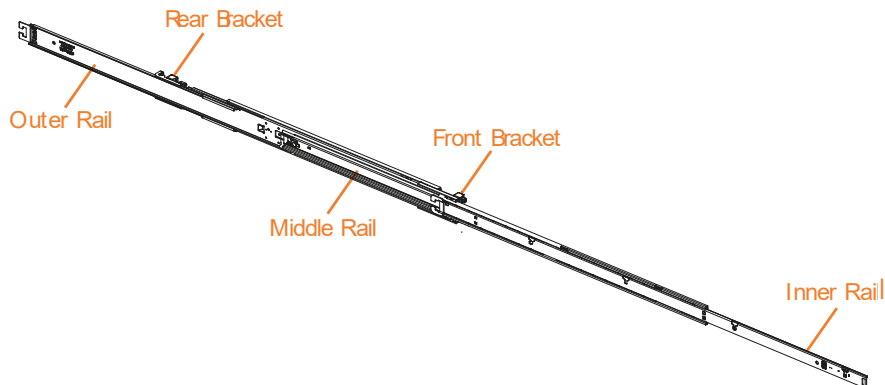2   Slide the server out, and then remove the server from the rack.

3 Disengage the pins from the rack, and remove the rails.
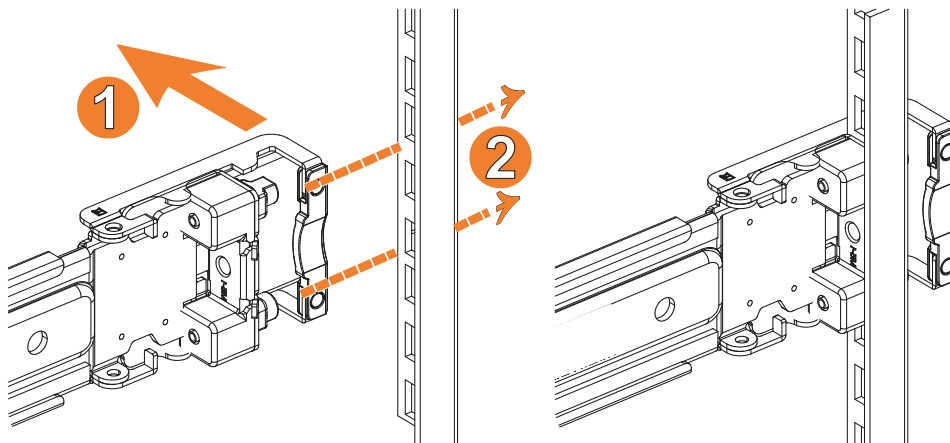
Rail 2

Identifying the Rail

The rail consists of the inner rail, middle rail and outer rail.

Rear Bracket
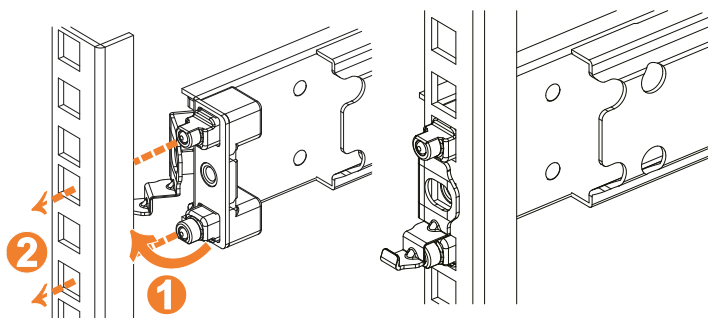Outer Rail
Front Bracket
Middle Rail
Inner Rail

NOTE: The rail marked with L/R or Left/Right is the left/right rail and should be installed on the left/right of the cabinet with the mark facing inward.

Installing the Rails to the Rack

1 Determine the mounting holes for the rear bracket. Align the mounting pins on the rear bracket with the mounting holes on the mounting flange. Rotate the locking latch as indicated by arrow ① and push the rear end in as indicated by arrow ② until the mounting pins are engaged with the mounting holes. Then release the locking latch.

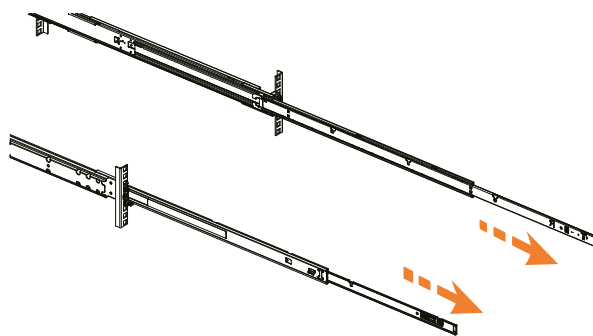*2* Follow step 1 to install the front bracket.

NOTE: The rear and front brackets must be installed at the same height.

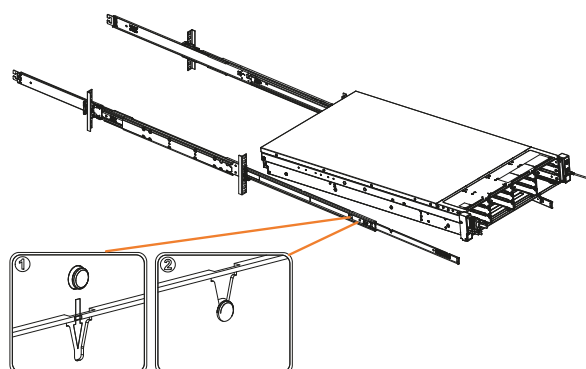*3* Repeat steps 1 and 2 to install the other rail.

NOTE: The two rails must be installed at the same height.

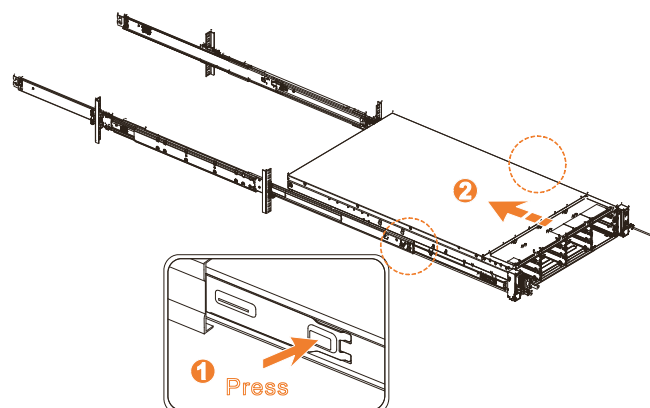*4* Extend the inner rails until they click into a locked position.
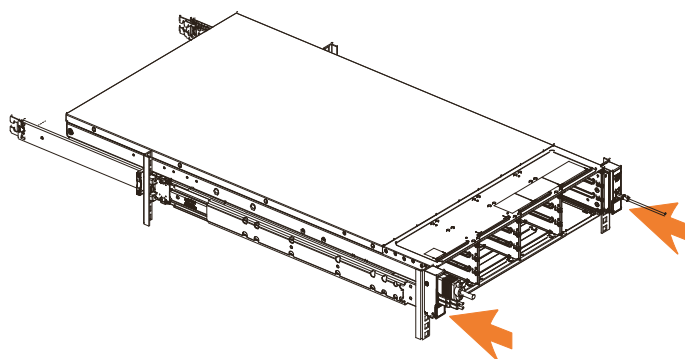

Installing the Server to the Rack

1 Tilt the server upward and lower the rear stando- on each side of the server into the slots on the inner rails. Then rotate the server downward until the rest stando-s are firmly seated in the slots.

2   Press the release tabs on both inner rails simultaneously as indicated by arrow ① and gently push the server all the way into the rack as indicated by arrow ②.
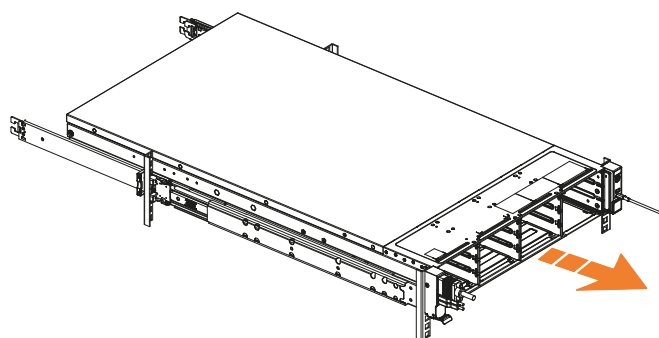

3   Open the ear latches and tighten the captive screws under the ear latches with a screwdriver.
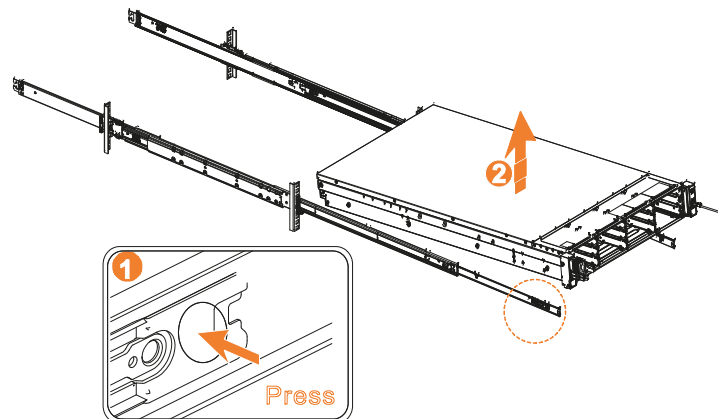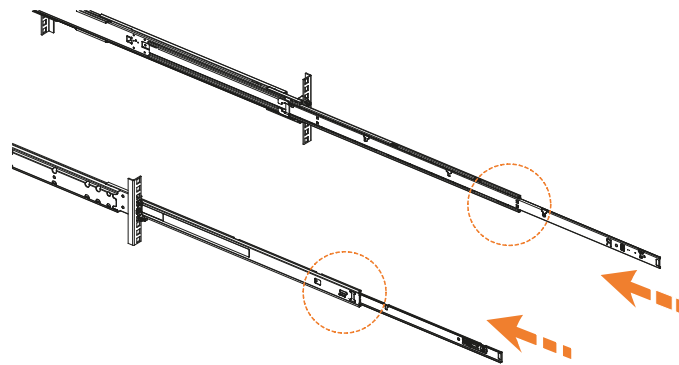

Removing the Server from the Rack

1   Open the ear latches and loosen the captive screws under the ear latches with a screwdriver.

2   Pull out the server to a locked position as indicated by the arrow.

3 Press the locking plates on both rails simultaneously as indicated by arrow ① and tilt the server upward as indicated by arrow ② to disengage the standoffs from the slots to remove the server from the rack.
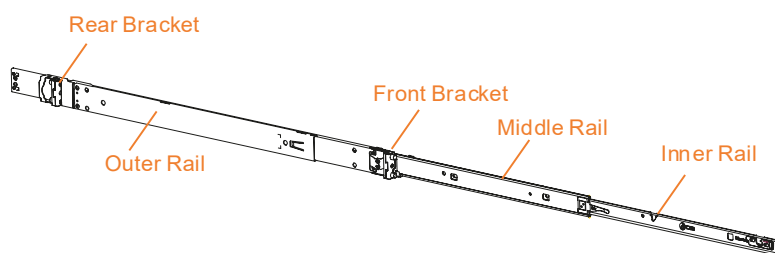

4 Press the release tabs on both inner rails and slide the inner rails and middle rails back.

5 Remove the rails in the reverse order of their installation.
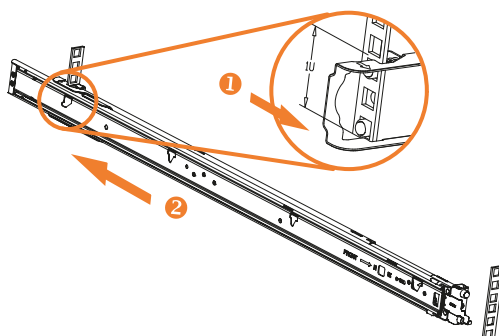
Rail 3

Identifying the Rail

Rear Bracket

Front Bracket

Middle Rail

Inner Rail

Outer Rail

NOTE: The rail marked with L/R or Left/Right is the left/right rail and should be installed on the left/right of the rack with the mark facing inward.
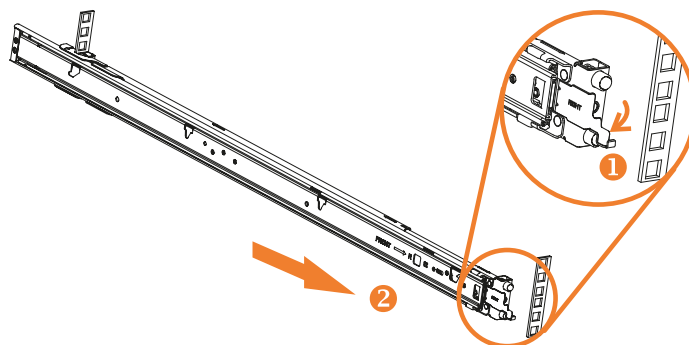
Installing the Rails and Server

1 Determine the mounting holes for the rear bracket. Align the mounting pins on the rear bracket with the mounting holes on the mounting flange. Push the locking latch as indicated by arrow ① and push the rail as indicated by arrow ② until the mounting pins are engaged with the mounting holes and the latch clicks into place.
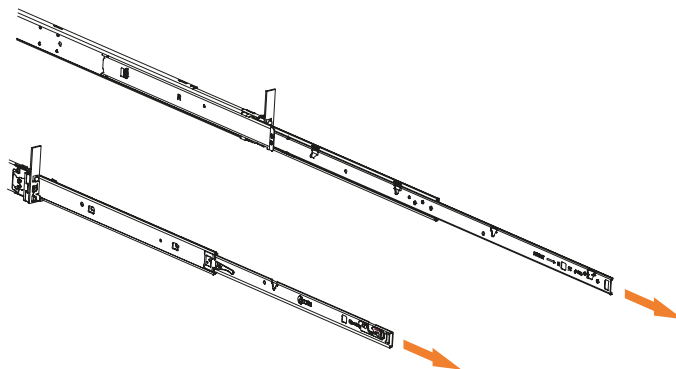
2 Determine the mounting holes for the front bracket. Align the mounting pins on the front bracket with the mounting holes on the mounting flange. Rotate the locking latch as indicated by arrow ① and push the rail as indicated by arrow ② until the mounting pins are engaged with the mounting holes and the latch clicks into place.

NOTE: The rear and front brackets must be installed at the same height.
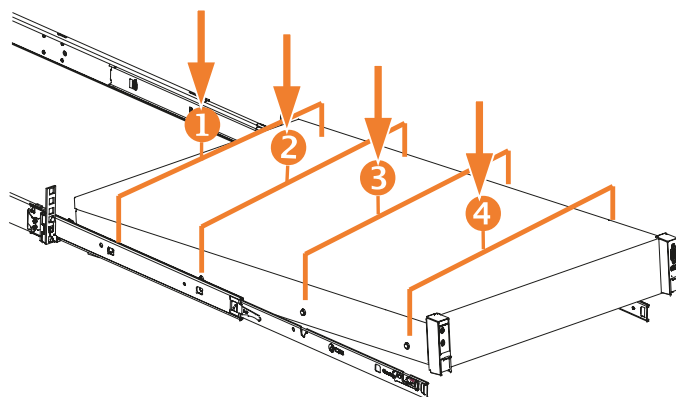
3   Repeat steps 1 and 2 to install the other rail. Extend the inner rails as indicated by the arrows until they click into a locked position.

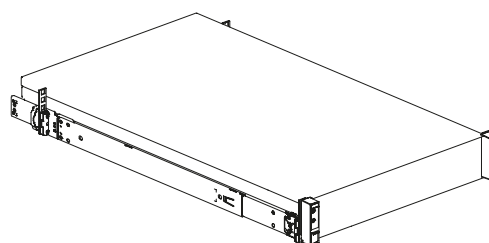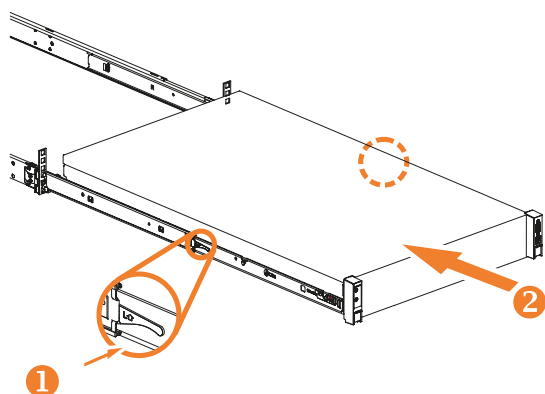**NOTE**: The left and right rails must be installed at the same height.

4   Lift up the server and align the standoffs on the two sides of the server with the slots on the rails. Lower down the server, and seat the standoffs into the slots in sequence.
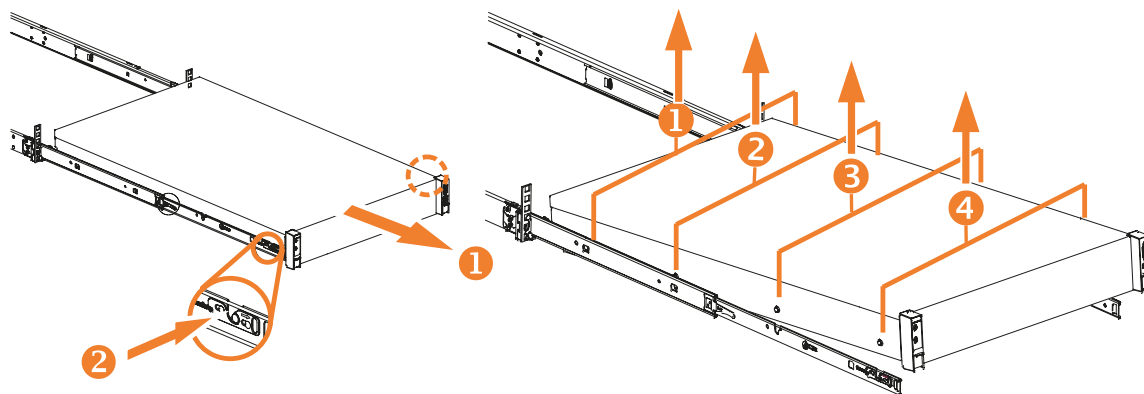
5   Push up the release tabs on both rails and slide the server into the rack.

6   Open the ear latches, and tighten the two captive screws under the ear latches with a screwdriver.
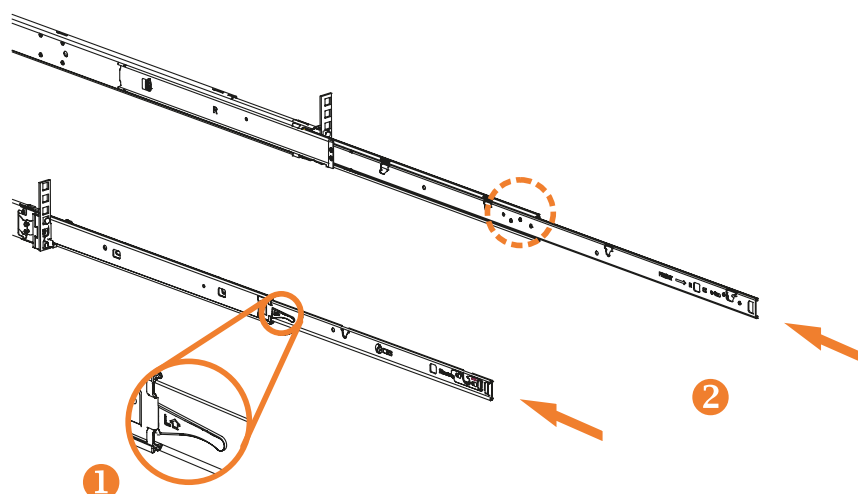
Removing the Server and Rails

1 Open the ear latches, and loosen the two captive screws under the ear latches.

2 Gently slide the server out until it is in a locked position. Push the spring latches on both rails forward, lift the server to disengage the standoffs from the slots and remove the server.

3 Push up the release tabs on both rails and slide the rails into the rack.

4 Remove the rails in the reverse order of their installation.