System configurations and diagrams

Cable routing in different backplane configurations

Lenovo

New Lenovo RAID/HBA adapter system configurations

Click the buttons to see the new Lenovo RAID/HBA adapter cable routing in different backplane configurations on different servers.

SR630 V2:

Four 3.5-inch drive	Eight 2.5-inch drive

SR650 V2:

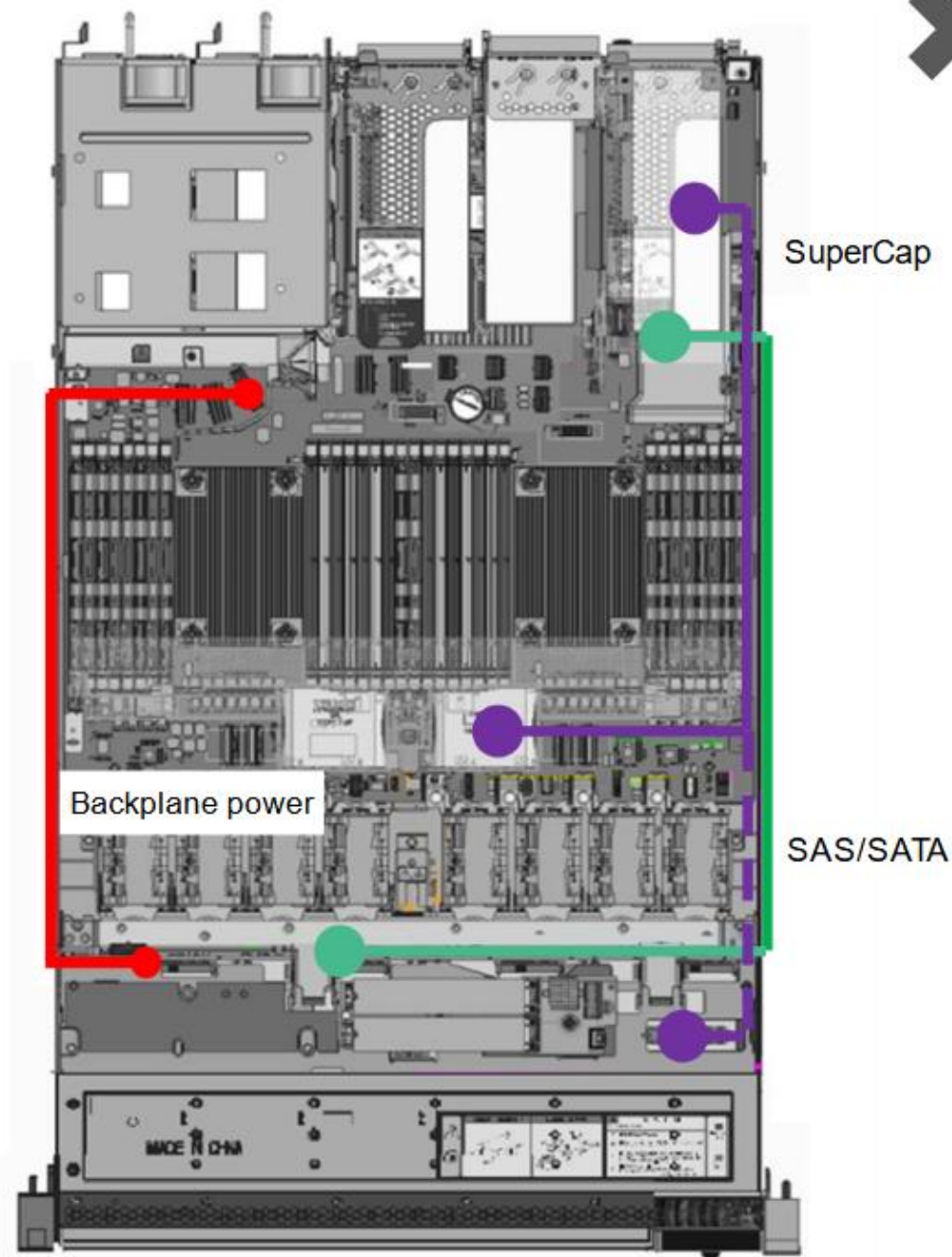| Eight 3.5-inch drive	12 3.5-inch drive	12 3.5-inch + two 3.5-inch rear drive	12 3.5-inch + four 3.5-inch rear drive	Eight 2.5-inch drive	16 2.5-inch drive

Lenovo

SR630 V2 - Four 3.5-inch drive

Three cables:

- One backplane power ▬▬ (red)

- One x4 SAS/SATA ▬▬ (green)

- One SuperCap ▬▬ (purple)

  – Two potential locations depending on the CPU heatsink

Optional M.2 backplane or 7 mm rear drive backplane

- Not connected to the HBA/RAID adapter

SuperCap

Backplane power

SAS/SATA

SR630 V2 - Eight 2.5-inch drive

Three cables:

- One backplane power   ▬▬
- One x8 SAS/SATA   ▬▬
- One SuperCap   ▬▬
  - Two potential locations depending on the CPU heatsink

Optional M.2 backplane or 7 mm rear drive backplane
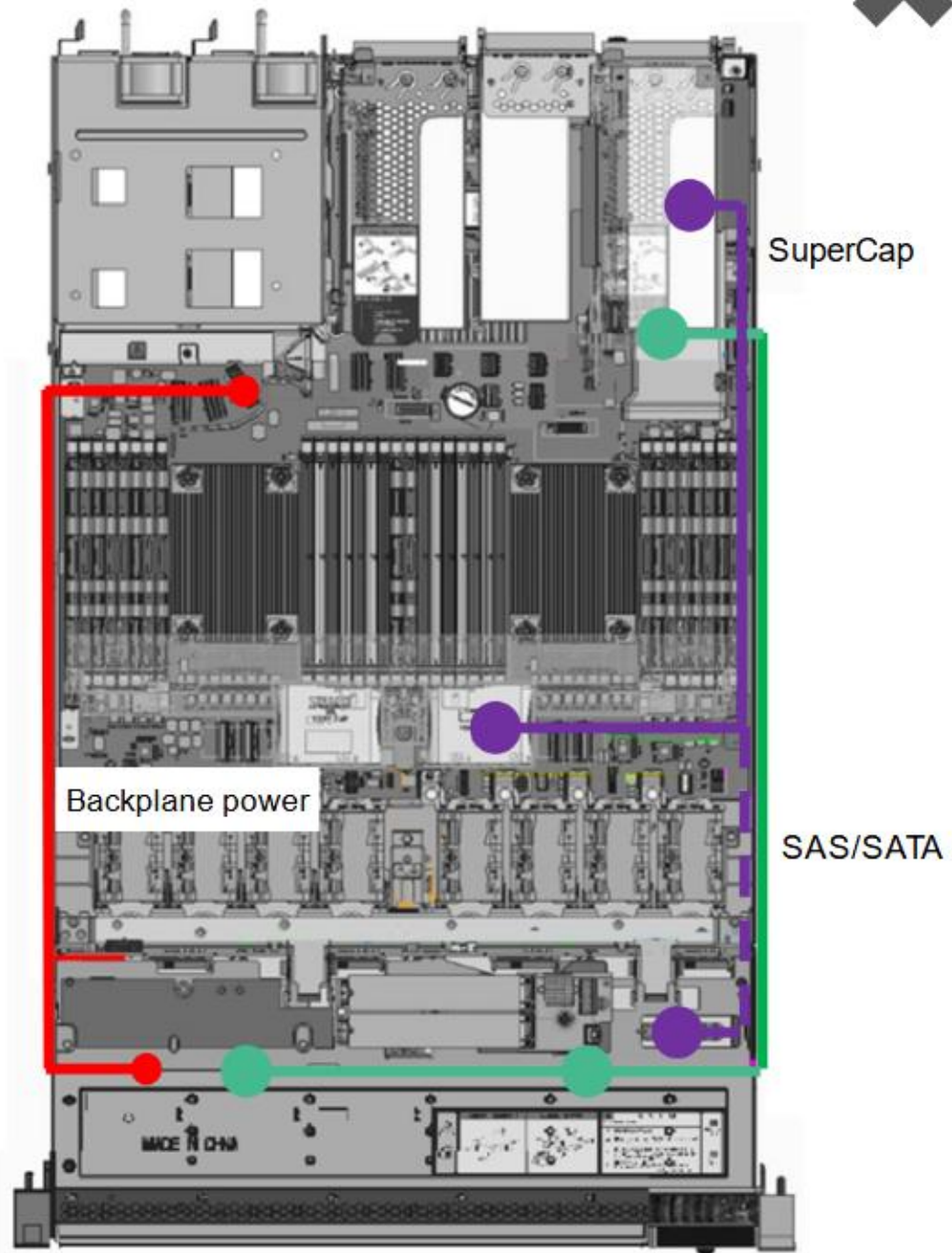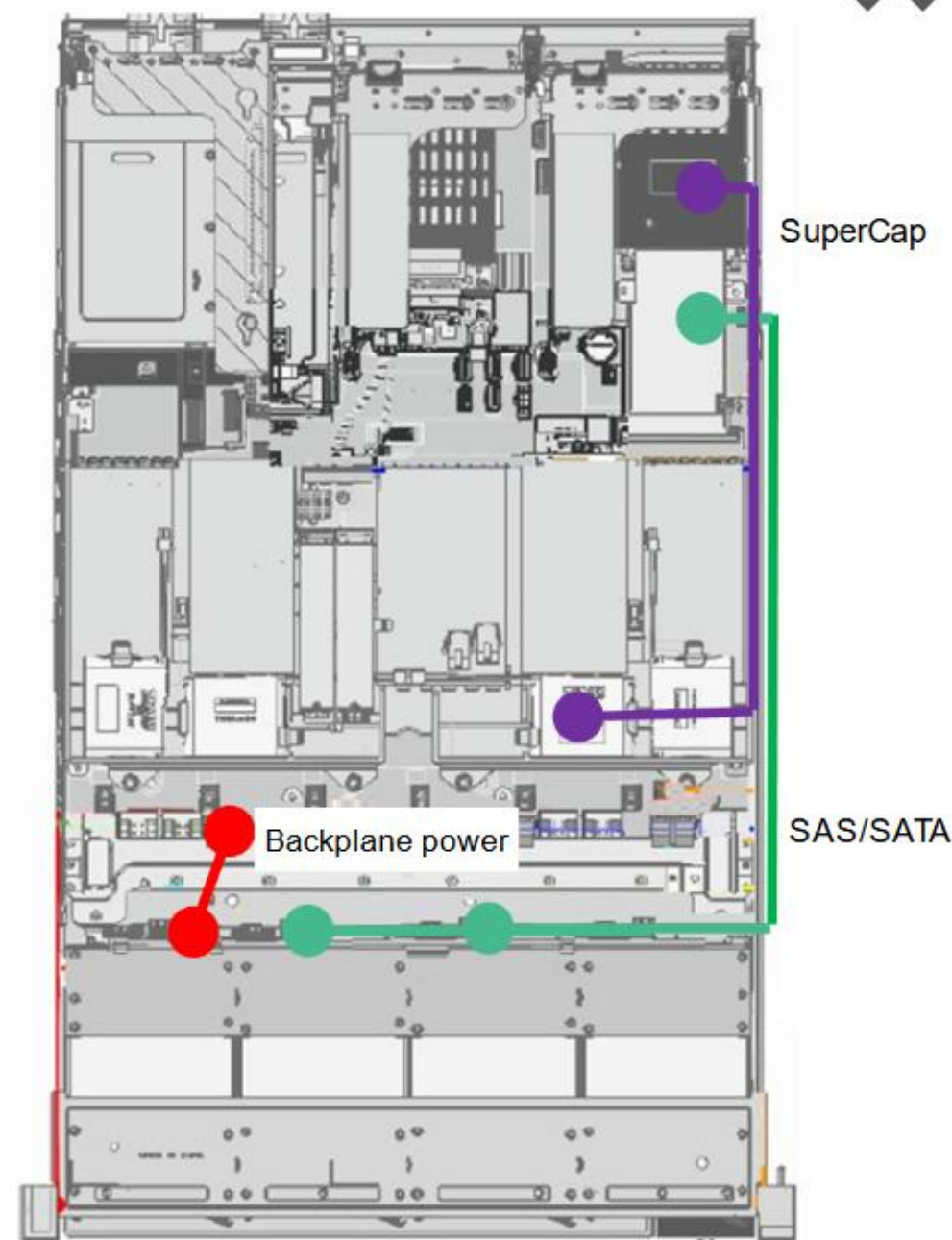
- Not connected to the HBA/RAID adapter

SuperCap

Backplane power

SAS/SATA

SR650 V2 – Eight 3.5-inch drive

Three cables:

- One backplane power ▬ (red)
- One x8 SAS/SATA ▬ (green)
- One SuperCap ▬ (purple)

Optional M.2 backplane or 7 mm rear drive backplane

- Not connected to the HBA/RAID adapter

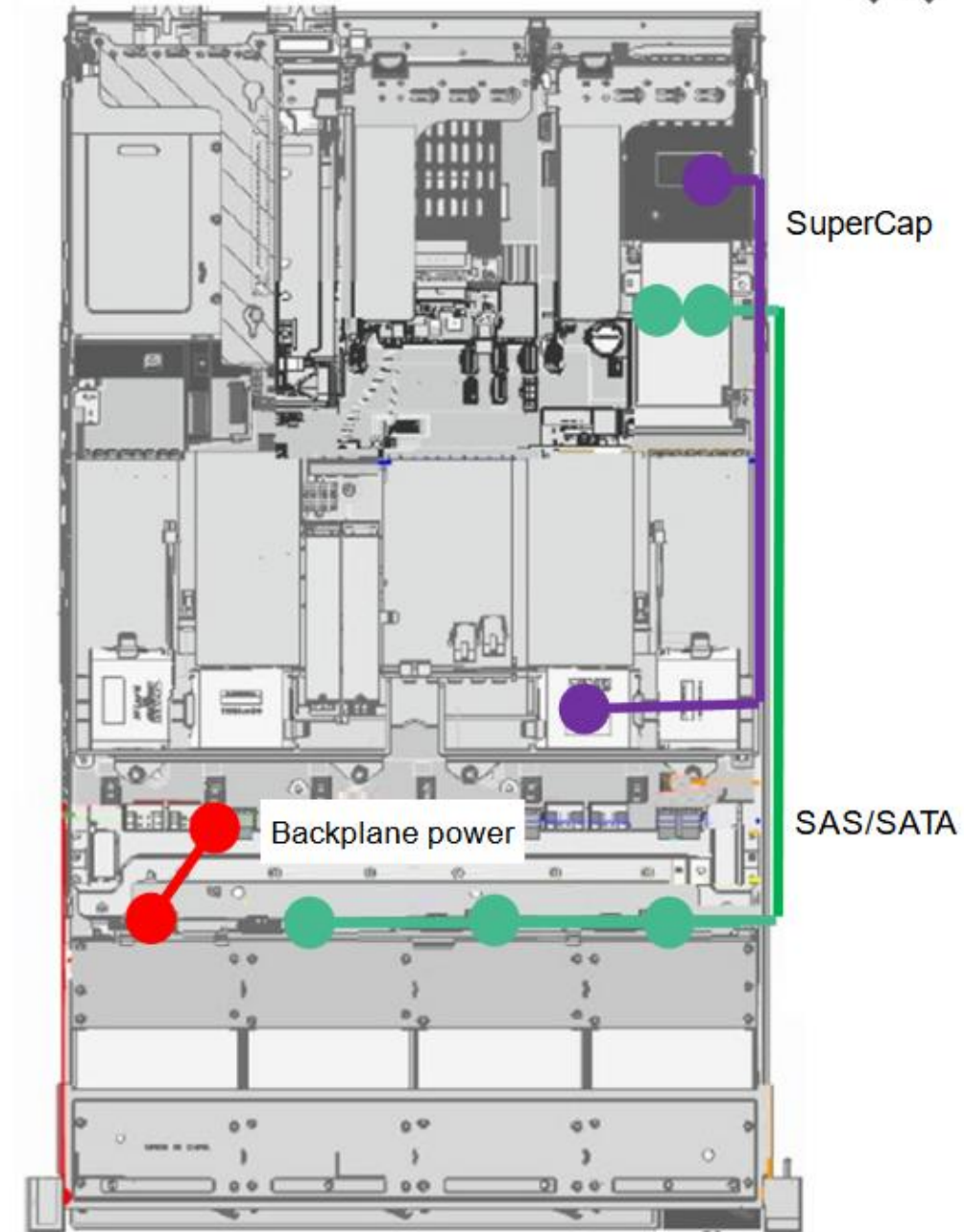

SuperCap

SAS/SATA

Backplane power

SR650 V2 – 12 3.5-inch drive

Four cables:

- One backplane power ——
- One x8 SAS/SATA ——
- One x4 SAS/SATA ——
- One SuperCap ——

Optional M.2 backplane or 7 mm rear drive backplane
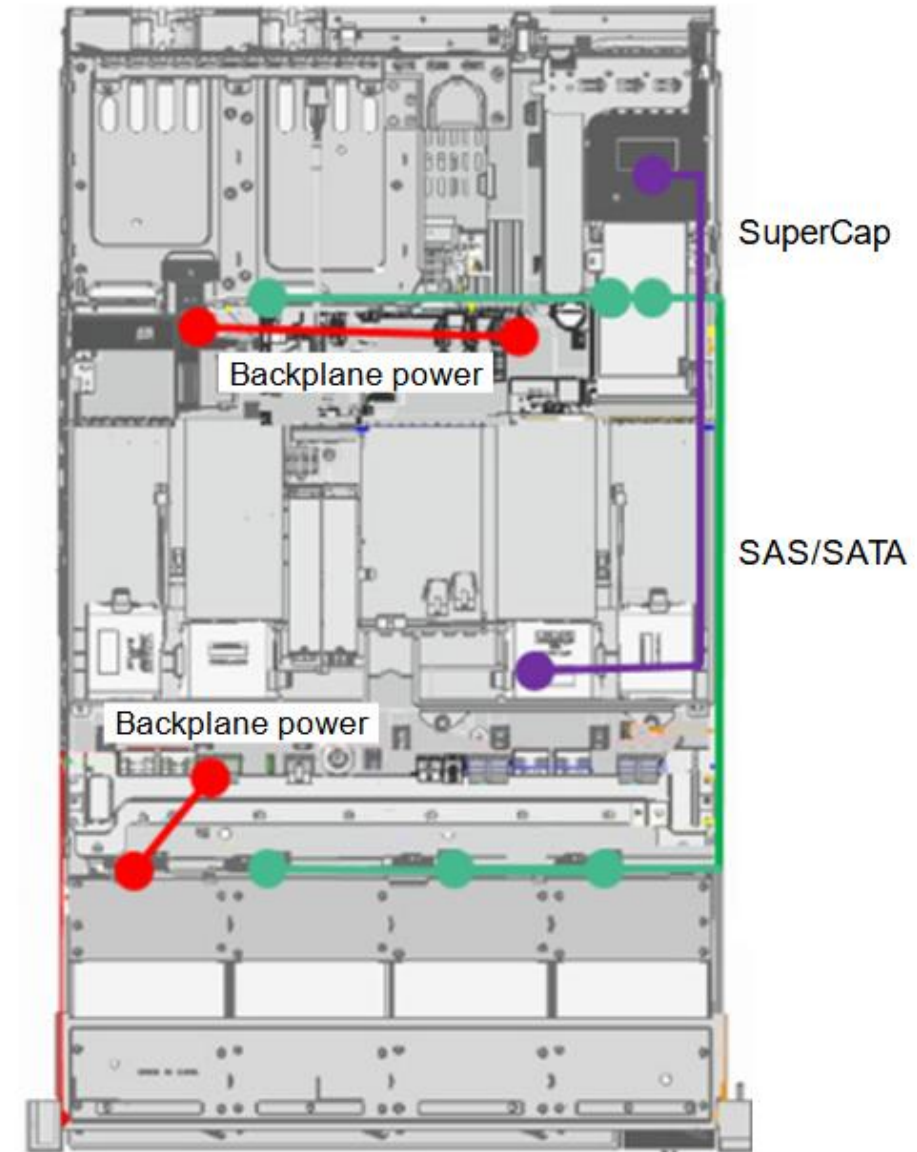
- Not connected to the HBA/RAID adapter

SuperCap

Backplane power

SAS/SATA

SR650 V2 – 12 3.5-inch and two 3.5-inch rear drive

Six cables:

- Two backplane power ▬▬
- One x8 SAS/SATA ▬▬
- Two x4 SAS/SATA (front and rear) ▬▬
- One SuperCap ▬▬

Optional M.2 backplane or 7 mm rear drive backplane

- Not connected to the HBA/RAID adapter

SuperCap

Backplane power

SAS/SATA

Backplane power

SR650 V2 – 12 3.5-inch and four 3.5-inch rear drive

Six cables:

- Two backplane power ——
- One x8 SAS/SATA ——
- Two x4 SAS/SATA (front and rear) ——
- One SuperCap ——

Optional M.2 backplane or 7 mm rear drive backplane
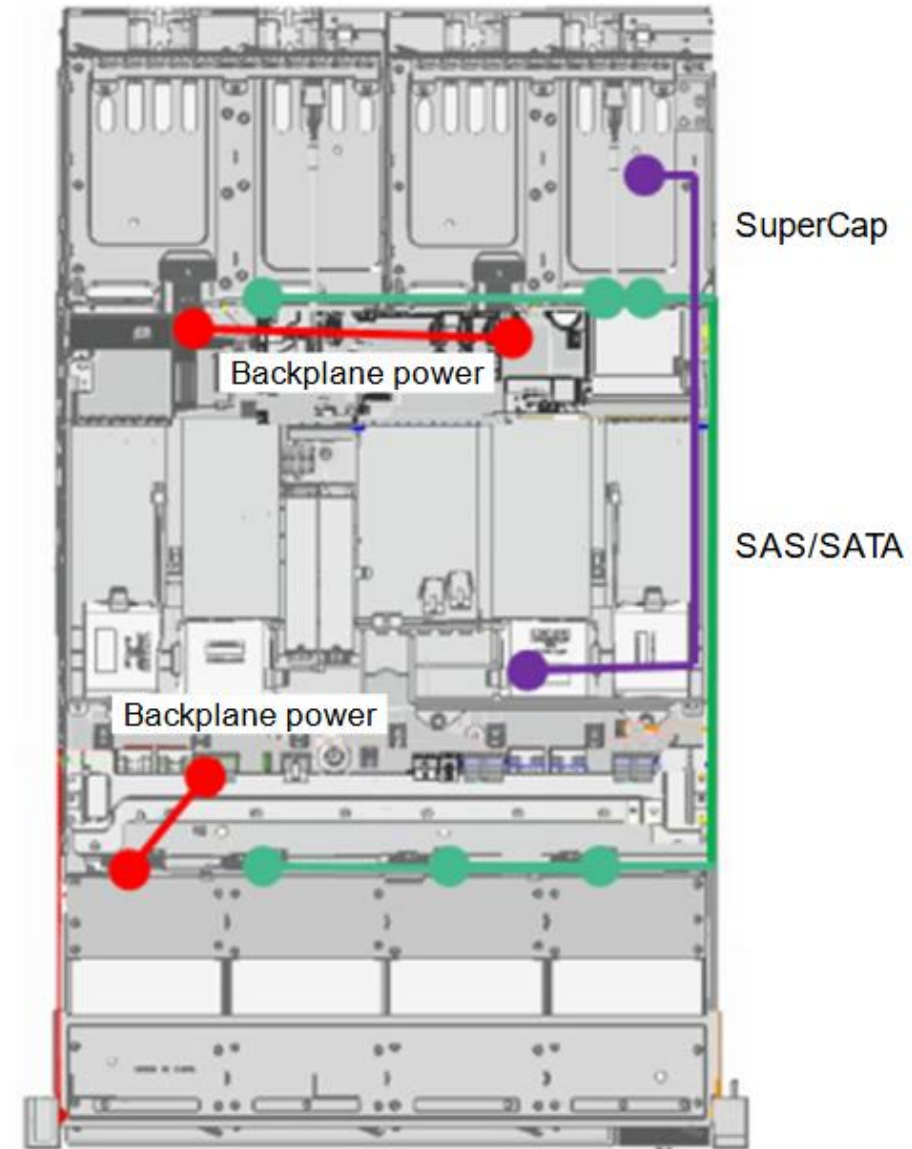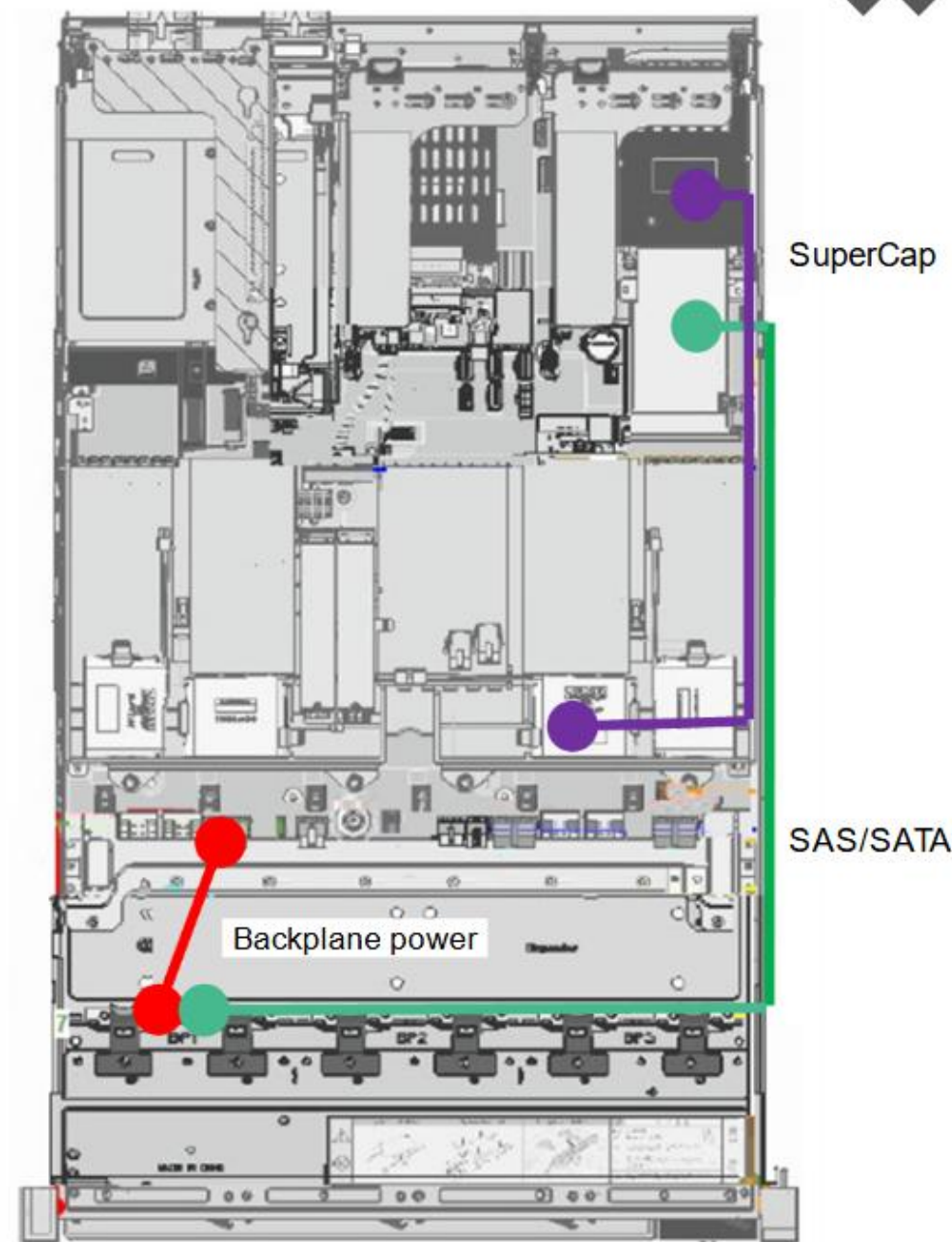
- Not connected to the HBA/RAID adapter

SR650 V2 – Eight 2.5-inch drive

Three cables:
- One backplane power ━━━
- One x8 SAS/SATA ━━━
- One SuperCap ━━━

Optional M.2 backplane or 7 mm rear drive backplane
- Not connected to the HBA/RAID adapter

SuperCap

SAS/SATA

Backplane power

SR650 V2 – 16 2.5-inch drive

Three cables:

- One backplane power —
- One x8 SAS/SATA —
- One SuperCap —

Optional M.2 backplane or 7 mm rear drive backplane

- Not connected to the HBA/RAID adapter

SuperCap

SAS/SATA

Backplane power