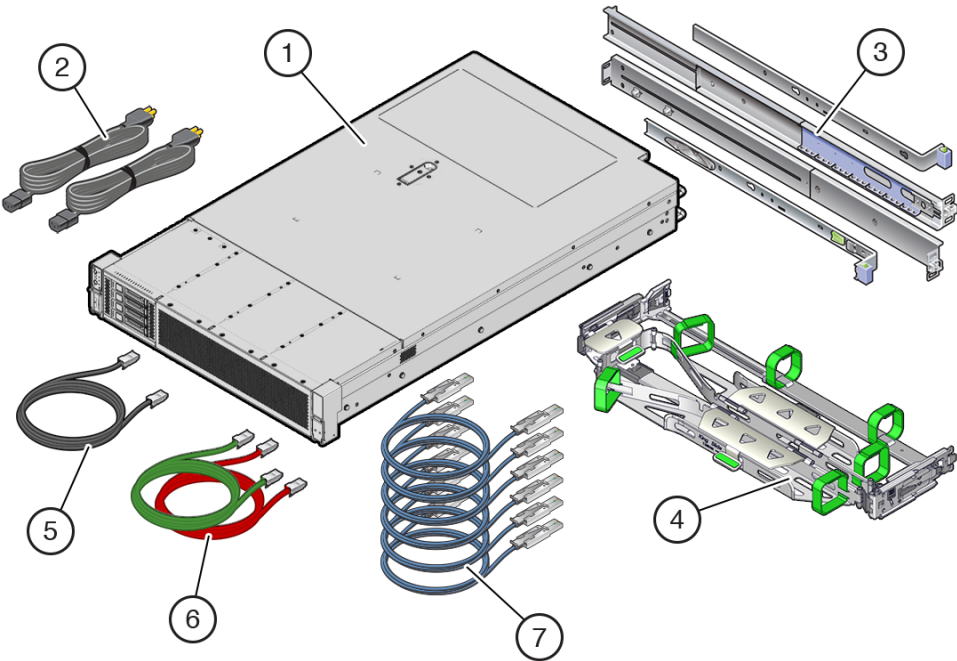
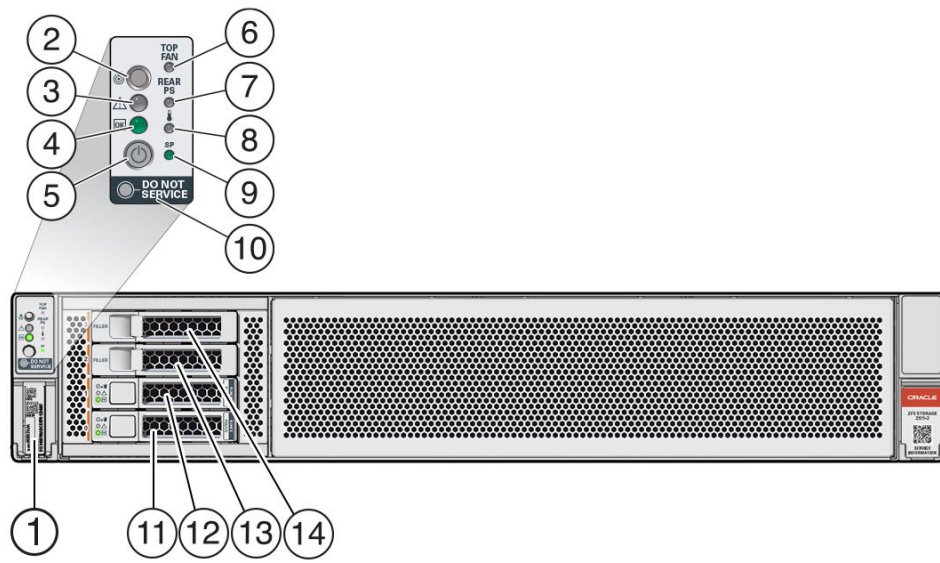


Contents



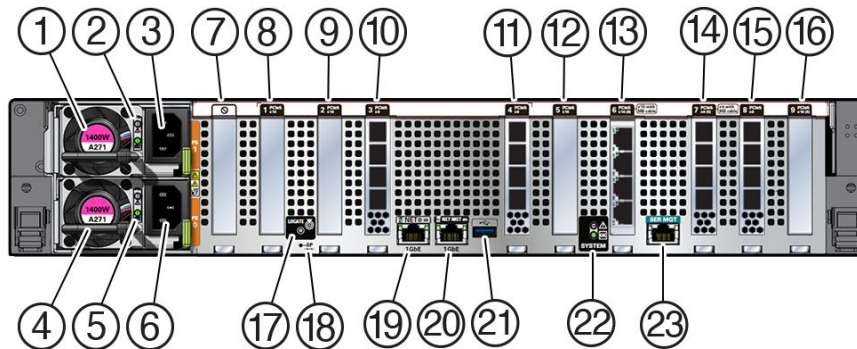
1 Oracle ZFS Storage ZS11-2 controller	2 Two power cords	3 Slide rail kit
4 Cable management arm	5 One 6-meter Ethernet cable (black)	6 Two 2.5-meter Ethernet cables (green, red)
7 Up to sixteen 3-meter or 6-meter active optical SAS cables (blue). Length and quantity per customer order.		

Front Panel Components



1 RFID tag	2 System status LED: Locator (white)	3 System status LED: Service Action Required (amber)
4 System status LED: Power/OK (green)	5 Power button	6 Fan service action required (amber)
7 Power Supply (PS) service action required (amber)	8 Over-temperature warning (amber)	9 Service Processor (SP) OK (green)
10 Do Not Service indicator	11 System disk 0	12 System disk 1
13 Filler panel	14 Filler panel	

Back Panel Components



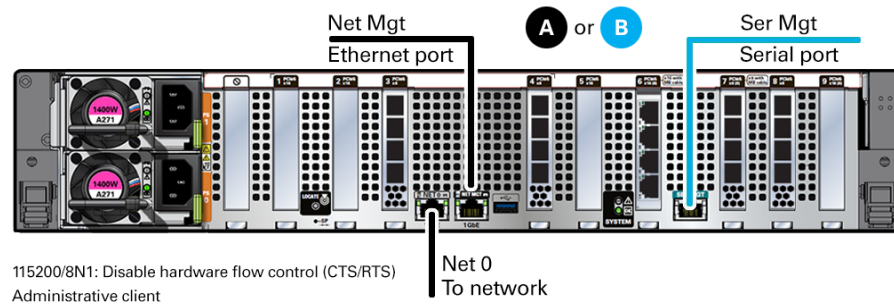
1 Power Supply Unit (PSU) 1	2 PSU 1 status indicators (top to bottom): • Attention (amber) • Power/OK (green)	3 PSU 1 AC power inlet (AC1)
4 Power Supply Unit (PSU) 0	5 PSU 0 status indicators (top to bottom): • Attention (amber) • Power/OK (green)	6 PSU 0 AC power inlet (AC0)
7 Not available	8 Sixth PCIe option (slot 1)	9 Second PCIe option (slot 2)
10 External SAS-3 HBA (slot 3)	11 Slot 4: One of the following options: • External SAS-3 HBA • Fourth PCIe option	12 Third PCIe option (slot 5)
13 Ethernet cluster interface card (slot 6)	14 Slot 7: One of the following options: • External SAS-3 HBA • Fifth PCIe option	15 External SAS-3 HBA (slot 8)
16 First PCIe option (slot 9)	17 LOCATE: System locate LED	18 SP: Reset service processor (SP)
19 NET 0: Network (NET) 1GbE 100/1000BASE-T RJ-45 Gigabit Ethernet (GbE) port	20 NET MGT: Oracle Integrated Lights Out Manager (ILOM) service processor (SP) network management (NET MGT) 1GbE RJ-45 100/1000BASE-T port	21 USB 3.1 port
22 System status LEDs (top to bottom): • Attention (amber) • Power/OK (green)	23 SER MGT: Serial management (SER MGT) RJ-45 serial port	

Install the Hardware

For detailed information, see the *Oracle ZFS Storage Appliance Installation Guide* available from <https://docs.oracle.com/en/storage>.

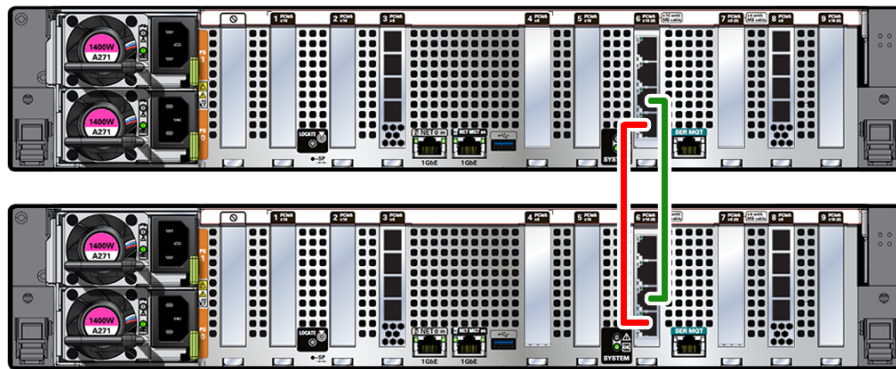
Connect System Cables

For detailed information, see the *Oracle ZFS Storage Appliance Installation Guide* available from <https://docs.oracle.com/en/storage>. If you have clustered controllers, connect the cables to both controllers. Do not connect power cables to the controllers or disk shelves until instructed to do so in "Power On and Configure the System."



Connect Clustered Controllers

If you have clustered controllers, connect the two controllers together. For detailed information, see the *Oracle ZFS Storage Appliance Cabling Guide* available from <https://docs.oracle.com/en/storage>.

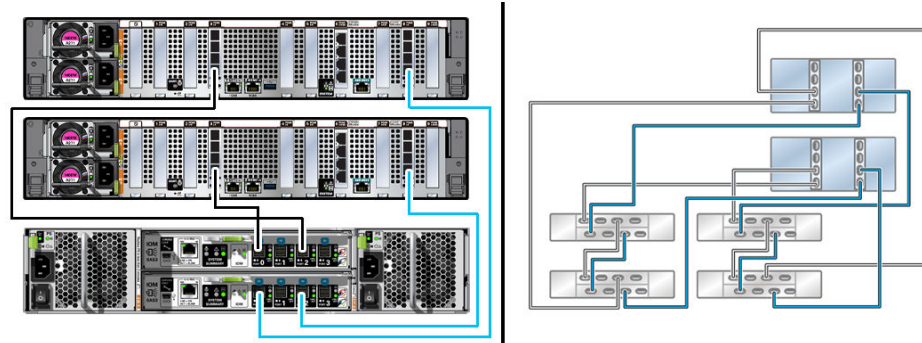


Connect Disk Shelves

The following illustration shows clustered controllers connected to an Oracle Storage Drive Enclosure DE3-24P (left panel), and connected to four Oracle Storage Drive Enclosure DE3-24x disk shelves (right panel). For additional configuration options, see *Oracle ZFS Storage Appliance Cabling Guide* available from <https://docs.oracle.com/en/storage>. Do not connect power cables to disk shelves or controllers until instructed to do so in "Power On and Configure the System."

▲ Caution:

Use **active optical cables (AOCs)** to connect Oracle ZFS Storage ZS11-2 external SAS-3 HBAs to Oracle Storage Drive Enclosure DE3-24x and DE3-12C disk shelves. Use copper cables to connect disk shelves to each other.

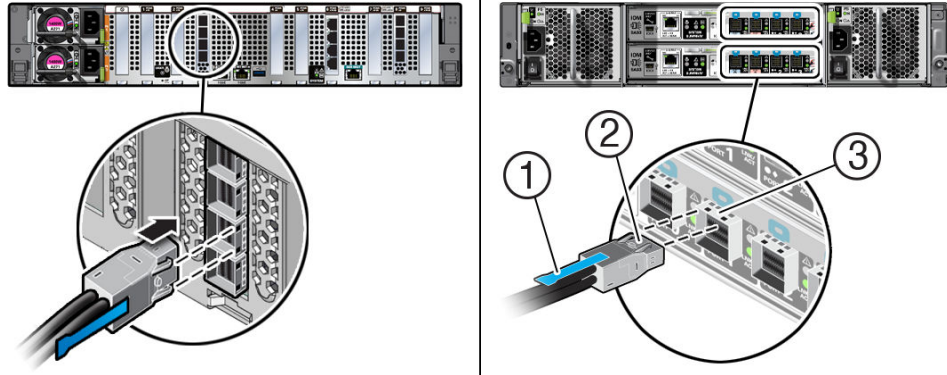


▲ Caution:

Attaching a SAS cable in the wrong orientation at the controller HBA or the disk shelf I/O Module damages the port connector, and the system will not function properly.

The following procedure connects an AOC cable to the controller and to an Oracle Storage Drive Enclosure DE3-24P disk shelf. For additional information, see *Oracle ZFS Storage Appliance Cabling Guide* available from <https://docs.oracle.com/en/storage>.

1. Facing the controller HBA, position the cable's release tab to the right (left panel) for the controller end, and to the top for the disk shelf end (#1 in right panel).
2. Insert the cable connectors into the appropriate ports, aligning the cable connector latches (#2 in right panel) with the port latch receiver holes (#3 in right panel). Ensure the latches engage with the receiver holes.



Power On and Configure the System

Required information: Network host name and port of your serial connection, or network management port DHCP-assigned address. Connect disk shelf power cables, power on disk shelves, connect controller power cables, power on controllers, and configure the system as described in the *Oracle ZFS Storage Appliance Installation Guide* available from <https://docs.oracle.com/en/storage>.

Perform Initial Configuration

For detailed information, see the *Oracle ZFS Storage Appliance Installation Guide* available from <https://docs.oracle.com/en/storage>, including properly configuring management interfaces and updating controller software.

Product Documentation Library

Documentation and resources for this product and related products are available in the storage section of the Oracle Help Center, located at <https://docs.oracle.com/en/storage>.

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Oracle ZFS Storage ZS11-2 Getting Started Guide

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