Smarter technology for all

Servicing the ThinkSystem SD665 V3, SD665-N V3, and DW612S enclosure

ES72357B

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Lenovo

Prerequisites

- ES42430 – AMD EPYC processor architecture for ThinkSystem V3 servers
  https://lenovoedu.lenovo.com/course/view.php?idnumber=ES42430
- ES52374 -- ThinkSystem tools for the ThinkSystem V3 platform
  https://lenovoedu.lenovo.com/course/view.php?idnumber=ES52374
- ES41759C – ThinkSystem problem determination
  https://lenovoedu.lenovo.com/course/view.php?idnumber=ES41759C
- ES51757B – Introducing ThinkSystem tools
  https://lenovoedu.lenovo.com/course/view.php?idnumber=ES51757B

Objectives

After completing the course, you will be able to:
- Describe the features and specifications of the ThinkSystem SD665 V3, SD665-N V3, and DW612S enclosure
- Identify the ThinkSystem SD665 V3, SD665-N V3, and DW612S and their components
- Describe the new SMM2 features and functions
- Describe the specific problem determination steps and hardware replacement tips, and explain how to troubleshoot issues with the SD665 V3, SD665-N V3, and DW612S enclosure

What's new

October 2023 updates

- The ThinkSystem SD665-N V3 Neptune DWC server (MT 7DAZ)
  This next-generation, high-performance server is based on the fifth-generation
  Lenovo Neptune direct water cooling platform. The SD665-N V3 tray contains
  one compute node and one GPU node.
  For detailed configurations, refer to the ThinkSystem SD665-N V3 overview
  section.
- Hardware replacement tips
  - Screw types
  - Gap and putty pads
  - Additional tips

Note: For the SD665-N V3 system specifications, refer to the product guide on Lenovo Press.