

## Solar Energy South Africa

# Ibm ess 6000 Eswatini



48V 100Ah



## Overview

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What is IBM storage scale System 6000?

Introducing the IBM Storage Scale System 6000 IBM recently announced its newest IBM Storage Scale solution, the Storage Scale System (SSS) 6000. This new cloud-scale global data platform has the same ease-of-management as the ESS 3500, but with improved processing power, drive capacity, and performance.

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Is IBM 6000 faster than Nvidia ESS 3500?

IBM says the 6000 has an NVMe turbo tier for extra small file transfer speed. As is the case with ESS 3500, Storage Scale in the 6000 supports Nvidia's GPUDirect CPU-bypassing storage protocol for fast data delivery to Nvidia GPUs. The 6000 is 2.5x faster than market-leading competitors, IBM claims without naming them.

What's new in storage scale System 6000?

The new version of Storage Scale System 6000 adds two main capabilities: - As an alternative to the current industry-standard NVMe flash drives, systems can now be configured with 19.2TB or 38.4TB NVMe-based IBM FlashCore Modules for increased data density, capacity, and data resilience.

What is IBM storage scale?

For those unfamiliar with our file and object storage products, IBM Storage Scale is software-defined storage for managing both structured and unstructured data.

What makes IBM ESS 3500 so special?

The current ESS 3500 is built from 24-slot 2U nodes with dual active:active controllers, NVMe SSDs or IBM's proprietary Flash Core Modules (FCMs), and 100 Gbit Ethernet or 200 Gbit HDR InfiniBand ports with a maximum 126 GB/sec throughput per node. The rapid increase in AI workloads has prompted IBM to boost the box as it were.

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### [Elastic Storage Server \(ESS\) welcome page](#)

This page provides an entry point to information about the Elastic Storage Server (ESS), which includes IBM Spectrum Scale RAID. What's new. Elastic Storage Server 5.3.6 for Power welcome page. Bulletins and alerts. Technote: Upgrade to ESS V5.3.2 will fail in an ESS system installed with Mellanox Network Card of type ConnectX-2.

## IBM Unleashes the Potential of Data and AI with its ...

IBM introduced the new IBM Storage Scale System 6000, a cloud-scale global data platform designed to meet today's data intensive and AI workload demands, and the latest offering in the IBM Storage for Data and AI ...



### IBM ESS 3000

IBM ESS 3000 - Storage-Appliance für KI, Big Data und HPC. Beim Einsatz in KI- und Big Data-Anwendungen oder im High-Performance-Computing (HPC) spielt die Leistung des verwendeten Speichersystems eine große Rolle. Große Mengen an unstrukturierten Daten müssen schnell gespeichert und wieder zugreifbar sein. Wichtig ist zudem, dass der

### [IBM Storage Scale System](#)

IBM Storage Scale System ist eine

Hardwareeinheit zur Bereitstellung von IBM Storage Scale auf Tausenden von Knoten mit TB/s-Leistung, geringer Latenz und Millionen von E/A-Operationen pro Sekunde und pro Knoten. IBM Storage Scale System 6000 Das Storage Scale System 6000 ist auf extreme Leistung ausgelegt. Es bietet: einen einzelnen 4U



### Canisters (code levels 6.1.9.0-6.1.9.3) of an IBM Storage Scale ...

IBM Storage Scale System 6000 canisters that run code levels 6.1.9.0 through 6.1.9.3 may experience unplanned reboots due to a PCIe driver problem, which can lead to unresponsive NVMe disks and potentially affect system performance.

### IBM Storage Scale System , IBM(Hardware) , ??? , ??? ...

????????????????????(IBM Storage Scale System)??  
 ??????????IT??  
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### ?? IBM ESS

? Web ?????? IBM ESS ? IP ?????? ESS Specialist?  
 ?????????????? ?? ESS Specialist ?; ?? Storage Allocation ?; ?? Open System Storage ?; ?? Modify Host Systems ?; ? ???? ???? Storwize V7000 ???,???????????????????? ??????;





## IBM ????? IBM Storage Scale System 6000,?? ...

IBM Storage Scale System 6000??????? NVMeoF turbo ?????????????????? IBM ?????????????????,??? AI ?????????????????????



## IBM Storage Scale System

IBM Storage Scale System??IBM Storage Scale???  
??AI?  
HPC??  
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## 6.1.6 IBM Elastic Storage System 3500

o IBM Spectrum Scale Data Access Edition for IBM ESS (product number 5765-DAE) IBM welcomes your comments; see the topic "How to submit your comments" on page xii. When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without





## ESS PDFs

IBM ESS Expansion User Installation Guide (Model 084) This guide provides detailed information about installing, using, and maintaining Model 084. PDF; Hot Swap Side Card - Quick Installation Guide: This guide provides information about installing the side card. PDF; Table 3. IBM Elastic Storage Server Expansion Model 106 guides

## IBM ESS: In IBM Elastic Storage System 3000, the NVMe drive FRU

The ESS 3000 Spectrum RAID software incorrectly interpreted the product ID as the type code as opposed to the FRU P/N for gen3 and gen4 NVMe drives. IBM ESS: In IBM Elastic Storage System 3000, the NVMe drive FRU replacement may fail due to an incorrect type check. Troubleshooting.



## IBM Storage Scale Software Version Recommendation Preventive ...


4 Review IBM Storage Scale CSI: Table 1. CSI Features, OCP, Kubernetes, and IBM Spectrum Scale Compatibility Matrix 5 For ESS 3500 system users that are running ESS 6.1.6.0 or earlier, see the IBM ESS Alert: Simultaneous canister power cycle, missing NVMe drives and out of range sensor data in ESS 3500 5141-FN2 storage enclosures.





**May, 2021**

Support Resources . Welcome Call Program. A

new experience to better serve you! Register for a free-of-charge 'IBM Spectrum Scale and IBM Elastic Storage Server (ESS) Support Welcome Call' where you'll get introduced (virtually) to your key local IBM Support Leadership contacts and the team will walk you through the IBM Support processes that will help you get the most value ...




**TAX FREE**







**Product Model**  
 HJ-ESS-215A(100KW/215KWh)  
 HJ-ESS-115A(50KW/115KWh)

**Dimensions**  
 1600\*1280\*2200mm  
 1600\*1200\*2000mm

**Rated Battery Capacity**  
 215KWh/115KWh

**Battery Cooling Method**  
 Air Cooled/Liquid Cooled



## Introducing the IBM Storage Scale System 6000

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## [CES and protocol nodes support in ESS](#)

The IBM Spectrum Scale code on customer supplied non-5148-22L protocol nodes is also managed separately from the ESS toolsets. The IBM Spectrum Scale installation toolkit can be used in this configuration to install or deploy and upgrade the IBM Spectrum Scale code on any customer supplied non-5148-22L protocol nodes.



## IBM Storage Scale System: Deployment Guide

376377Appendix240C.240Configuring call home in ESS 3000, ESS 3200, ESS 35 00, ESS 5000, and IBM Storage Scale System 6000 and IBM



Storage Scale System 6000 ..61. Disk call home for ESS 3000, ESS 3200, ESS 3500, ESS 5000, and IBM Storage Scale System

## IBM unveils Storage Scale System 6000 for AI workloads

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## Break through data barriers and accelerate AI innovation with the ...

IBM Storage Scale System 6000 The simplest and fastest way to deploy a global data platform for AI and Hybrid Cloud workloads Scale-up to PBs and scale-out to YBs for GB/s+ performance and



## Contact Us

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<https://ian-solar.co.za>