



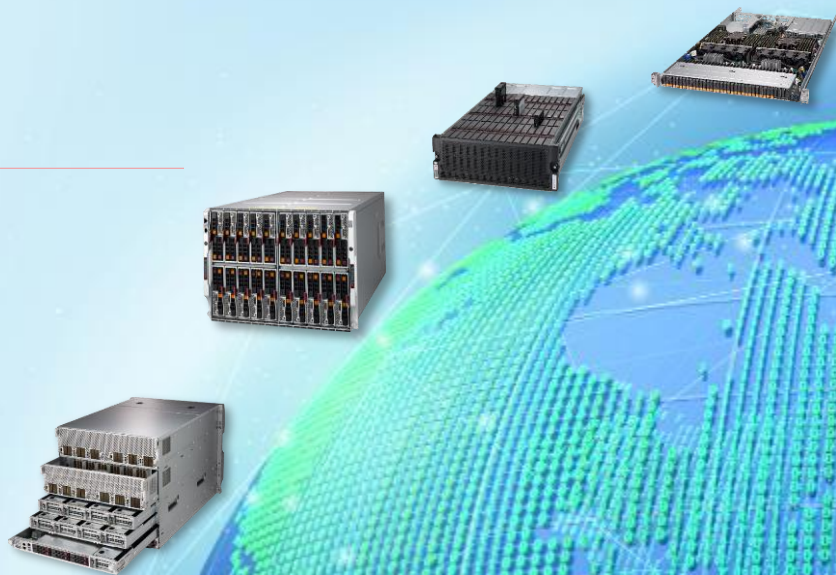
SES Bundle for SME/SMB

基于Ceph的分布式存储一体机解决方案

讲师: **Kevin Su**

SuperMicro 亚太区企业暨云端解决方案总监

Version: 20190801



We Keep IT Green™



倍联德



作为全球领先的高性能、高效率的服务器技术和创新,我们为数据中心、云计算、企业 IT、大型数据、HPC 和嵌入式市场开发并提供端到端的绿色计算解决方案。我们的模组化构建式解决方案允许我们提供范围广泛的 SKU, 并使我们能够根据您的需求构建和交付应用程序优化的解决方案。

您需要正确的基建来改变您的业务,我们为您提供最好的解决方案!

质量、可靠性和环境

我们坚持严格的设计实施, 制造标准和 ISO 标准, 确保我们的产品以最高的质量和可靠性生产。我们是 ISO9001:2015、ISO13485:2016 和 ISO14001:2015 认证。

率先面市

我们与领先的半导体制造商的密切关系, 确保及早获得尖端技术, 使我们能够为我们的客户提供广泛的系统和解决方案, 满足未来的数据驱动的商业世界的需求。

We Keep IT Green™

作为能源效率计算的领导者, 我们的目标是促进采用和部署能够减少对环境的影响的技术。资源节约体系结构继续秉承绿色计算创新的传统, 为客户提供 TCO 节约。

客户满意度

我们站在产品的背后支持, 提供全面的保修和更换政策。我们的客户可以访问全球合作伙伴和技术支持团队 24x7x365 快速帮助解决任何问题。

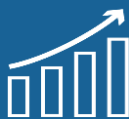
全球增长最快的服务器、存储和网络解决方案提供商



成立和总部设在美国



100多个国家的全球业务



2017财年 \$2.35B年收入



排名在财富1000强的公司中



在2M 平方英尺车间,
制造产品遍布全球



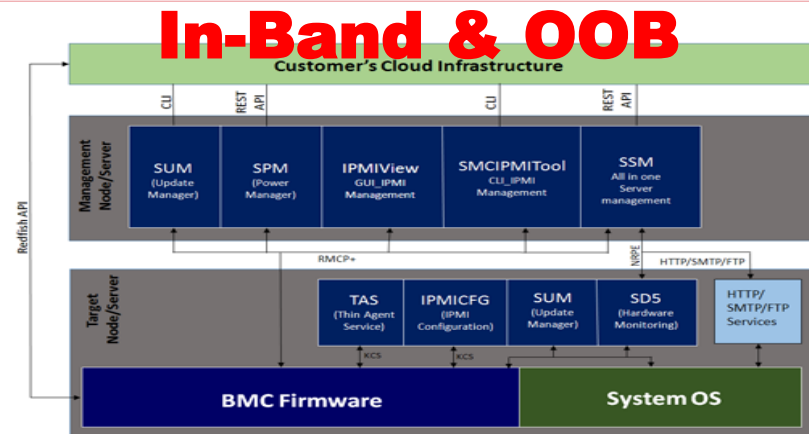
具有业界最广泛产品组合的
工程专业知识



2017年出货1.2M + 服务器
和存储系统, 使我们在IDC全
球服务器供应商排名第三



Leader in Enterprise, Cloud,
Artificial Intelligence, IoT
delivering first to market
innovative products



YAHOO! FINANCE

Finance Home Originals Events Personal Finance Technology Markets Industries My Screeners My Portfolio

SUSE and Supermicro Enter Global Partnership to Provide Solutions for Mission-Critical Workloads, Software-Defined Data Center and Embedded Linux

SUSE and Supermicro respond to market demand for converged solutions

HPC WIRE

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SUSE, Supermicro Enter Global Partnership
July 18, 2017

NUREMBERG, Germany, and SAN JOSE, Calif., July 18, 2017 — SUSE and Supermicro have entered into a global partnership that will provide innovative

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SUSE and Supermicro Enter Global Partnership to Provide Solutions for Mission-Critical Workloads, Software-Defined Data Center and Embedded Linux

SUSE and Supermicro respond to market demand for converged solutions




YR19, APAC





Mainstream
Versatile Entry Level and
Volume Servers for
Enterprise Server
Applications



Ultra
Highest Performance and
Flexibility for Enterprise
Applications



BigTwin™
Highest Performing 2U
Twin Architecture with 4
or 2 Nodes



WIO
The Industry's Widest
Variety of I/O Optimized
Servers



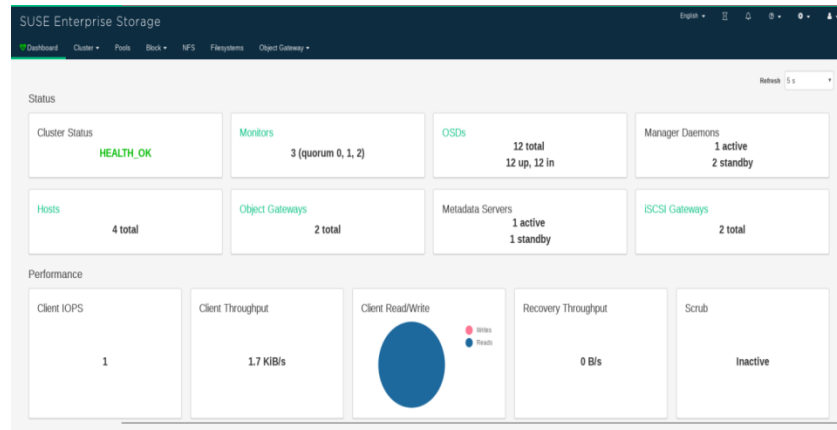
FatTwin™
Advanced 4U Twin
Architecture with 8 or 4
Nodes



SuperBlade®
Highest Performance with Advanced
Networking and NVMe

Traditional

- **Proprietary**
- **RAID**
- **HA (1 + 1)**
- **Block & File I/O**
- **Scale Up, Limited**
- **LAN**



SDS

- **Open Source**
- **Replication/Erasure Coded**
- **HA + FT, (N+1)**
- **Block, File & Object I/O**
- **Scale Out, Unlimited**
- **LAN & WAN**

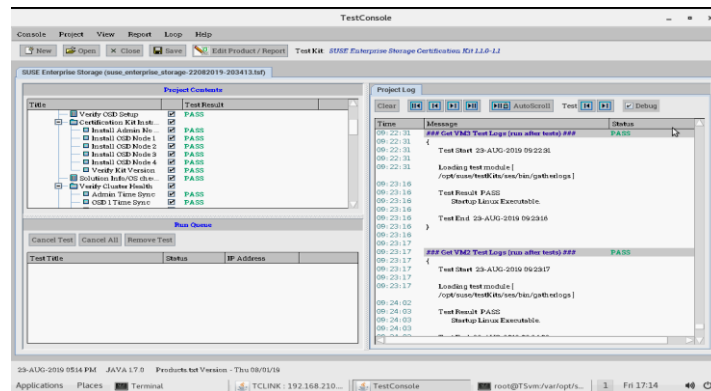
SES 6



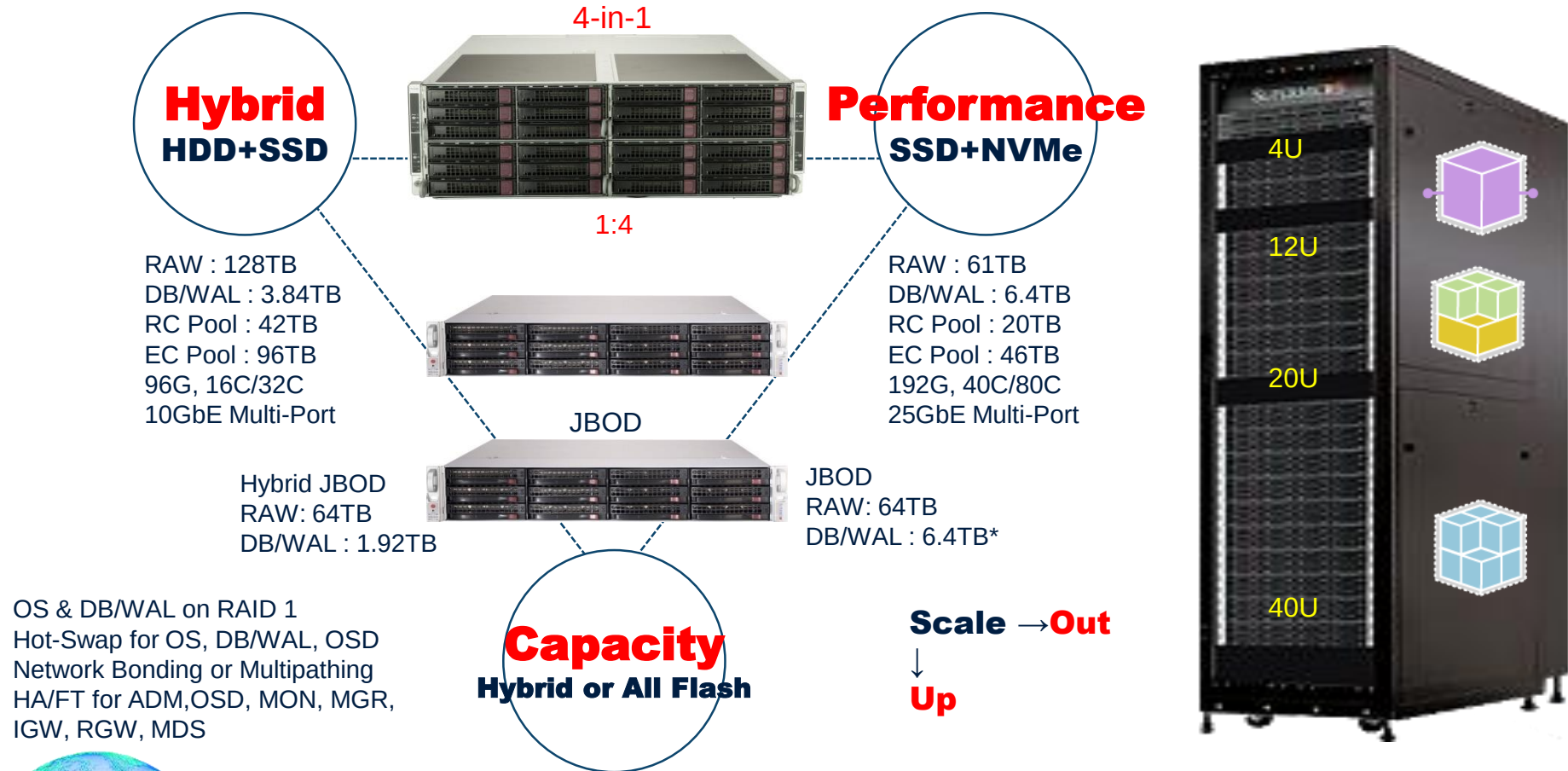
FatTwin

- **4U/4Nodes, Modular Design**
- **Redundant PSU (1+1)**
- **SLX/CLX Dual Socket (1DPC)**
- **Flexible Network (SIOM)**
- **Storage Expansion (PCI x16)**
- **Hot-Swap Disk (HDD,SSD,NVMe)**
- **In-Band & OOB Mgmt (CLI & GUI)**

- **Unified Block, Object, File**
- **Replication or Erasure-Code**
- **DeepSea, SaltStack**
- **BlueStor, DB&WAL**
- **Ceph DashBoard GUI**
- **Security Integration**
- **Enhanced Monitoring**



SMB Bundle – Highly-Integrated



- POC 实验室；
- 实习和培训；
- 售前支持；
- **SuperPro Storage** 和 **SUSE** 通过 **Ceph** 技术一起提供了业界领先、经济高效、可扩展的软件定义的存储解决方案；
- **SuperPro Storage** 企业存储提供了统一的对象、块和文件存储，其设计具有无限的可扩展性，从 TB 到 PB，在数据路径上没有单点故障；
- 机架安装和布线（包含 **Supermicro** 交换机）；
- 现场支持、物流、机架安装和布线（与第三方交换机）；



SUSE & Supermicro & BeiLiande 形成战略合作，一让您获得全球经验和专业技能。

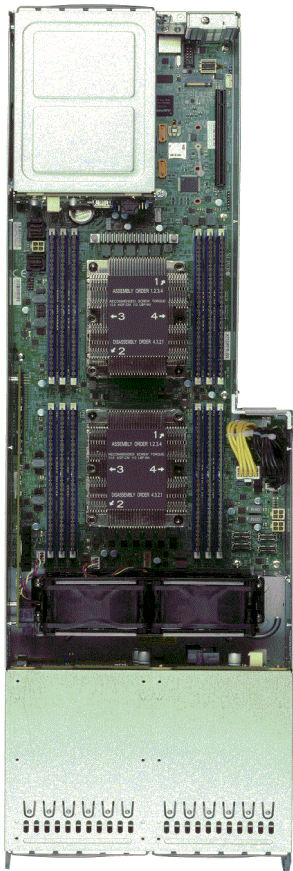
我们将提供以下内容：

- **支持**— 业界有超过 25 年的经验, **SUSE** 和 **Supermicro** 将提供您需要的支持。
- **咨询**— 强强联手将帮助您更快、更高效地实施软件定义的企业存储解决方案。
- **培训**— 无论您喜欢现场经验丰富的讲师回答您的问题，还是需要现场模拟应用，**SuperPro Storage**都希望满足您的每一步成长的需要。



Thank You

For more information, visit www.supermicro.com or contact
marketing@supermicro.com



NN > 12
OS + DB/WAL
Inside

Large-Scale Option

	All Flash	High Performance	Balanced	Storage Optimized	X-Large Storage
SKU	SYS-6029U-DCSO-AF	SYS-6029U-DCSO	SSG-6029P-DCLO	SSG-6049P-DCLO	SSG-6049P-DCLO+
Form Factor	2U - 12 Bay	2U - 12 Bay	2U - 24 Bay	4U - 36 Bay	4U - 45 Bay
Raw Storage	182.4TB (3.84TB disk)	352 TB (8 TB disk)	672TB (8 TB disk)	992 TB (8 TB disk)	1248 TB (8 TB disk)
SSD	12	1	3	5	6
NVMe		✓	✓		✓
Network	2 x 40 GbE	4 x 10 GbE	4 x 25 GbE	2 x 40 GbE	2 x 40 GbE
Storage Type	SSD -Journaling	NVMe - Caching SSD - Journaling SATA - Data	NVMe - Caching SSD - Journaling SATA - Data	SSD - Journaling SATA - Data	SSD - Journaling SATA - Data
HPC	✓				
Block /Object	✓	✓	✓		
Archiving				✓	✓
Cold Storage					✓



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