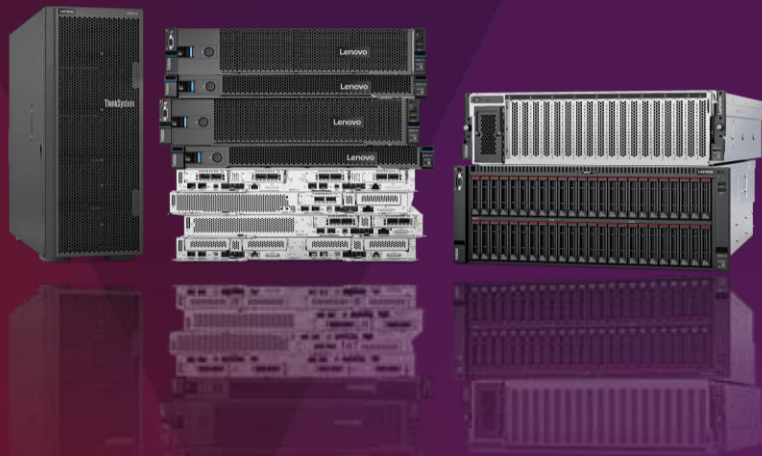


Zálohování: jediný plán „B“, který si nebudete vyčítat

intel®

+

Lenovo



David Tuček



Kateřina Uxová



Roman Zátka

Intel 1S/2S Rack Portfolio Overview – from Enterprise IT to AI & HPC

Light

Performance

Heavy

Light Compute & General IT



1U SR250 V3

- Core IT infrastructure
- Lightweight applications
- Network & Storage consolidation

Performance & Virtualization



1U SR630 V4

- Virtualization & cloud computing
- Scalable IT workloads
- Data center efficiency

Enterprise IT & AI-ready Compute



2U SR650 V4

- High-density virtualization
- AI-ready scalable infrastructure
- Business intelligence & analytics

HPC & AI-Optimized Workloads



2U SR650a V4

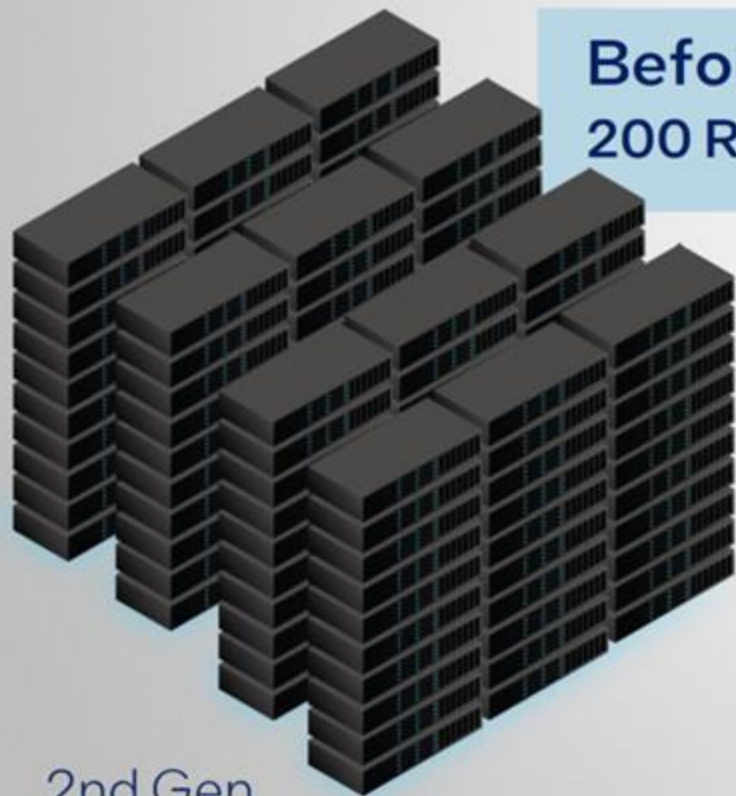
- High-density GPU computing for AI
- HPC workloads & deep learning
- Scientific modeling & AI training

intel + Lenovo

Today's AI Data Center

Process the same media streams/second in less space and at lower power to enable new AI projects

Before
200 Racks



3:1

Rack Consolidation¹

Over 4 years

80k MWh¹

Fleet energy saved

34k mt¹

Reduced CO2 Emissions

Now
66 Racks



2nd Gen
Intel® Xeon® Processor

Intel® Xeon® 6700E

Intel® Xeon® 6 Processors

LAUNCHED
June 2024



Intel® Xeon® 6700E

Q3'2024



Intel® Xeon® 6900P

Q1'2025

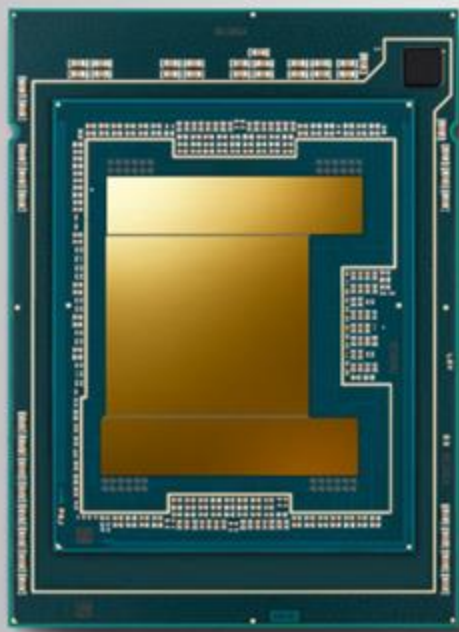


Intel® Xeon® 6900E

Intel® Xeon® 6700P
Intel® Xeon® 6500P
Intel® Xeon® 6 SoC
Intel® Xeon® 6300P

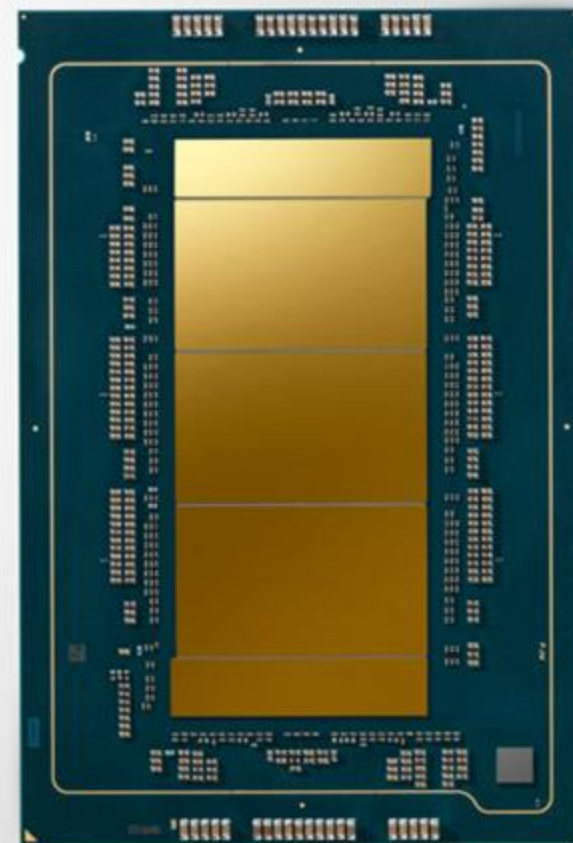
Intel® Xeon® 6 Processors | 6700 and 6900 Platform Series

Shared underlying platform delivering new levels of hardware optimization



Intel® Xeon® 6700-series

- P-core and E-core SKU selections
- Increased core counts
- Increased memory bandwidth with DDR5
- Multiplexed Combined Rank DIMM (MCR DIMM)
- Increased inter-socket bandwidth with UPI 2.0
- Compute Express Link® (CXL®) 2.0
- Increased I/O bandwidth on PCIe 5.0
- Increased shared LLC
- Intel® Accelerator Engines
- Increased Intel® VMD domains
- HW-enhanced security
- Common OS and firmware



Intel® Xeon® 6900-series

Intel® Xeon® 6700-series

Zálohování a obnova dat je nyní
OCHRANA A ODOLNOST DAT

- Neustálá hrozba útoku
- Samotné zálohování nestačí
- Rychlejší zálohovací systémy
- Rychlejší obnova dat
 - Finanční zásah – lze vůbec vyčíslit ?
 - Reputace, jméno společnosti

Zálohujete ?

Pokud ano, **obnovíte data** ?

Jste schopni obnovit **čistá data do čisté infrastruktury**
- v jakém čase ?

Recovery plány: nastavení, komunikace nejenom na IT
Testujete recovery plány ?

Útok nezačíná
až okamžikem
samotného
útoku ve vaší
společnosti !!

Útok začíná již cca 200
dní předem !!





Globální dodavatel řešení pro podniky, která chrání síťová data v hybridních infrastrukturách (2019)

Akt. sídlo: Švýcarsko

Zálohování, obnova a ochrana dat pro virtuální, cloudové, SaaS, Kubernetes a fyzické prac. zátěže

- Zálohování a obnova pro virtualizovaná prostředí, zejména VMware a Hyper-V
- Microsoft (M365)
- Uživatelsky přívětivé rozhraní, jednoduchost nastavení, snadné používání a učení
- Atraktivní pro malé a střední firmy, střední trh a malé podniky díky jednoduchosti provozu



Veřejně obchodovatelná společnost (2023), New Jersey

-subskr. i perpetual licence (pro veřejný sektor)

SW (i jako SaaS) pro zálohování, obnovu dat, se zaměřením na kybernetickou odolnost

- **Poskytování konzultačních služeb**
Nastavení nových systémů (od návrhu až po implementaci a monitorování)
- **Jakýkoliv workload / infrastruktura / prostředí (nejvíce druhů workloadů na trhu)**
- **Jediná konzole pro správu**
- **M365, MDynamics, Salesforce, EndPoints, AD, Entra ID**
- **Komplexní správa dat**
- **Multi-Cloud a hybridní cloudová prostředí**
- **Nativní integrace s AWS, Microsoft Azure, Google Cloud**
- **prof. služby a podpora**

Jedno řešení pro velké podniky a pro velké aplikace / i pro menší - bez ohledu na velikost a segment
Proaktivní kontrola, senzory, clean room



Americká soukromá společnost

Akt. sídlo: Kalifornie, San Jose

SW pro zálohu, správu a získávání přehledu o datech napříč systémy nebo poskytovateli cloudových služeb (AWS, M.Azure, Google Cloud) na bázi AI

-Vývoj SW: konsolidace a zjednodušení správy dat, analytické funkce, hromadná fragmentace dat (cloud)

- jednotná platforma

Enterprise je nejúspěšnějším zákaznickým segmentem Cohesity, (pro firmy podporující hybridní cloudové prostředí)

Lenovo veeam Product Coverage – ISG										
Product	Product Contents				Packing		Maintenance Options		Perpetual	Support Provider
Veeam Data Platform Premium	Take Protection & Hybrid Recovery	AI Assistant & Source Detection	Proactive Threat Hunting	Security and Compliance	10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	Veeam Support
Veeam Data Platform Advanced	Take Protection & Hybrid Recovery	AI Assistant & Source Detection	Proactive Threat Hunting	Security and Compliance	10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Platform Foundation	Take Protection & Hybrid Recovery	AI Assistant & Source Detection	Proactive Threat Hunting	Security and Compliance	10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam One (Monitoring and analytics)	Veeam One for Foundation to advanced – Upgrade				10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Recovery Orchestrator	Veeam Recovery Orchestrator – From Foundation to premium & advanced to premium & Standard				Per 10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Office 365	Veeam Backup for Microsoft Office 365 on Premier Veeam Data Cloud – Free, Express, Premium				Per user Options	Per Tier	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Kasten by Veeam	Kubernetes Backup and DR with Kasten by Veeam Kasten K10 Enterprise Platform				Per Node	Per 10 Node	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Salesforce	Foundation	Advanced			Per User		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam @ SAP							Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	

Lenovo veeam Product Coverage – IDG										
Product	Product Contents				Packing		Maintenance Options		Perpetual	Support Provider
Veeam Data Platform Foundation	Take Protection & Hybrid Recovery	AI Assistant & Source Detection	Proactive Threat Hunting	Security and Compliance	10 Instance Pack	Socket	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	Veeam Support
Office 365	Veeam Backup for Microsoft Office 365 on Premier Veeam Data Cloud – Free, Express, Premium				Per user Options	Per Tier	Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	
Veeam Data Cloud / Vault	Foundation	Advanced			Per TB		Monthly 1Y, 2Y, 3Y, 4Y & 5Y, Internal Use, Multitenant		✓	



Data Platform Foundation Veeam Backup for Office 365 Veeam Data Cloud Veeam Data Cloud Vault

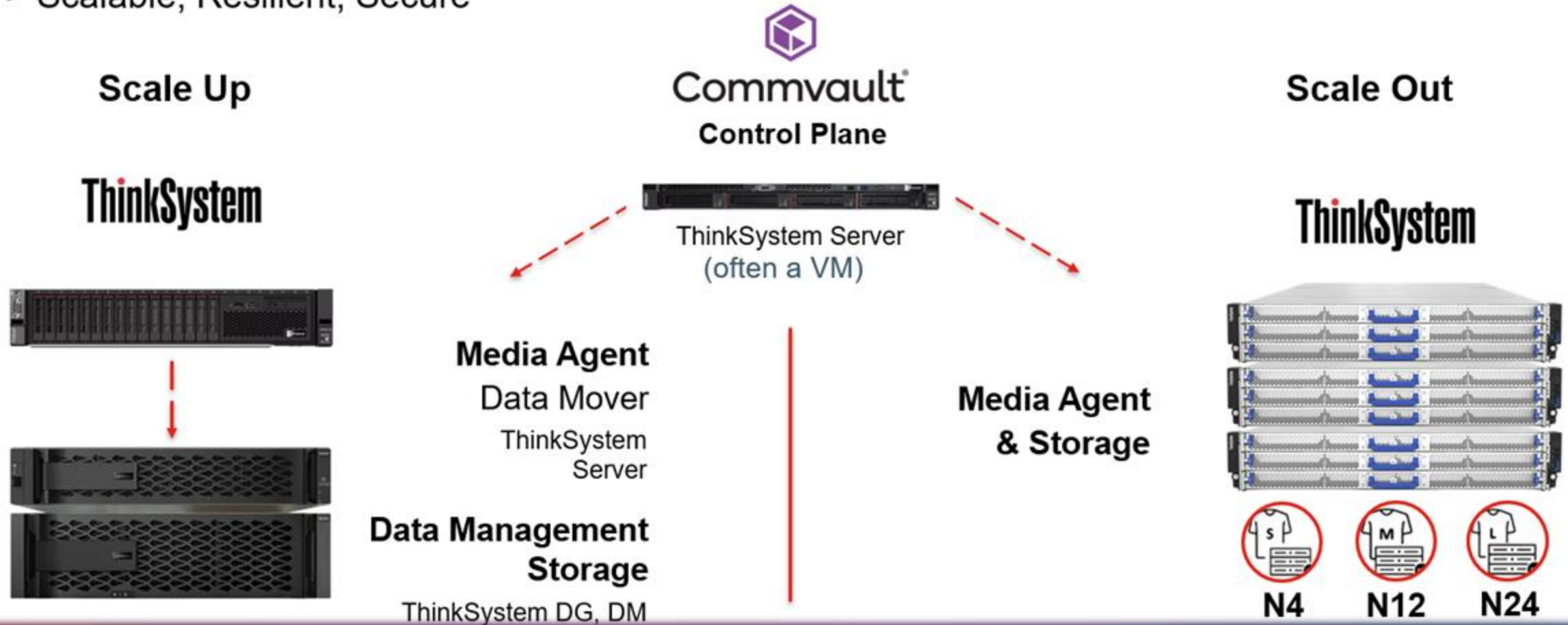
Needs local storage – involve ISG Cloud Storage Backup

Lenovo Commvault On Premise Portfolio										
Lenovo & CVLT Product	Type	Packaging	Support (Yrs)							
Auto Recovery	Front-End TB VMs	Per TB Per 10 VM	1 3 5							
Backup and Recovery	Endpoint Front-End TB Instance Mail & Cloud Apps Unstructured Data VMs	Per TB Per 10 VM	1 3 5							
Cloud Storage	Cool Cloud Storage for On prem Hot Cloud Storage for On prem	Per TB Per 10 VM	1 3 5							
Data Protection	Complete - VMs (incl replication) Front-End TB VMs	Per TB Per 10 VM	1 3 5							
eDiscovery	Endpoint Front-End TB Mail & Cloud Apps VMs	Per TB Per 10 VM	1 3 5							
Hyperscale X Appliance	Endpoint Front-End TB Mail & Cloud Apps VMs	Per TB Per 10 VM	1 3 5							
Risk Analysis	Endpoint Front-End TB Mail & Cloud Apps VMs	Per TB Per 10 VM	1 3 5							
Security Bundle	Endpoint Front-End TB Mail & Cloud Apps VMs	Per TB Per 10 VM	1 3 5							
Threat Scan	Endpoint Front-End TB Mail & Cloud Apps VMs	Per TB Per 10 VM	1 3 5							

Lenovo Commvault SaaS Portfolio										
Lenovo & CVLT Product	Type	Packaging	Support (Years)							
Hyperscale X Appliance	Data Base	Per Node	1 3 5							
SAAS Backup and Recovery (Former Metallic)	Dynamics 365	Per User	1 3 5							
	Endpoint Essentials	Per User	1 3 5							
	Endpoint with eDiscovery	Per User	1 3 5							
	File and Object Archive (100TB)	Per TB	1 3 5							
	File and Object Backup	Per TB	1 3 5							
	Office 365 (50GB Storage)	Per User	1 3 5							
	Office 365 (5GB Storage)	Per User	1 3 5							
	Office 365 with eDiscovery (50GB Storage)	Per user	1 3 5							
	Sales Force	Per user	1 3 5							
	VM and Kubernetes Advanced	Per 10 Pack (Future)	Per Instance							
	VM and Kubernetes Enterprise	Per 10 Pack (Future)	Per Instance							
	VM and Kubernetes Standard	Per 10 Pack (Future)	Per Instance							
Cloud Storage	Per TB		1 3 5							
ThreatWise Sensors			Per Sensor							

Lenovo with Commvault – Solution Architecture

- Scalable, Resilient, Secure



intel®

+

Lenovo

Commvault Hyperscale X N24 on Lenovo HS350x



1. Processor Options

(Pick one option in quantity 1)



	Option	Lenovo FC	Pick one option in quantity 1	Quantity
4th Gen	1	BPQD	Xeon Gold 6448Y 32C 225W 2.1GHz Processor	1
	2	BPPM	Xeon Gold 6454S 32C 270W 2.2GHz Processor	1
	3	BPPQ	Xeon Platinum 8460Y+ 40C 300W 2.0GHz Processor	1
	4	BPPK	Xeon Platinum 8461V 48C 300W 2.2GHz Processor	1
	5	BN0M	Xeon Platinum 8480+ 56C 350W 2.0GHz Processor	1
5th Gen	6	BYWK	Xeon Gold 6530 32C 270W 2.1GHz Processor	1
	7	BYW9	Xeon Gold 6554S 36C 270W 2.2GHz Processor	1
	8	BYWB	Xeon Platinum 8592V 64C 330W 2.0GHz Processor	1

2. Memory Options

(Pick 8 = 512GB for config. with drives up to 18TB)

(Pick 12 = 768GB for config. with drives of 20TB)



	Option	Lenovo FC	Description	Quantity (512GB)	Quantity (768GB)
4th Gen	1	C0Y0	64GB TruDDR5 4800MHz (2Rx4) 10x4 RDIMM	8	12
5th Gen	1	C0Y0	64GB TruDDR5 4800MHz (2Rx4) 10x4 RDIMM	8	12

3. Raid Controller

(Only this one in quantity 1)



Lenovo FC	Description	Quantity
C0YM	Broadcom 9600-24i SAS HBA RAID	1

4. Disk/Capacity Options

(Pick 24 identical. 512GB ram (for config. with drives up to 18TB))

(Pick 24 identical. 768GB ram (for config. With drives of 20TB))



	Lenovo FC	Capacity Disks – Pick one option. identical disks in quantity 24	Quantity	Memory
Combination 1	C0Z1	3.5" 12TB 7.2K SATA 12Gb Hot Swap 512e HDD	24	8 x 64GB
Combination 2	C0YZ	3.5" 16TB 7.2K SATA 12Gb Hot Swap 512e HDD	24	8 x 64GB
Combination 3	C0Z0	3.5" 18TB 7.2K SATA 12Gb Hot Swap 512e HDD	24	8 x 64GB
Combination 4	C0YV	3.5" 20TB 7.2K SATA 12Gb Hot Swap 512e HDD	24	12 x 64GB
	Lenovo FC	Mix-Use NVMe – Pick one disk in quantity 1	Quantity	Mandatory
Comb 1,2,3,4 +	C0YE	2.5" U.2 P5620 6.4TB Mixed Use NVMe PCIe 4.0 x4 HS SSD	1	Yes
	Lenovo FC	NVMe – Pick one disk in quantity 1	Quantity	
Comb 1,2,3,4 +	C0YR	2.5" U.3 7450 PRO 3.84TB Read Intensive NVMe PCIe 4.0 x4 HS SSD	1	Yes
	Lenovo FC	Boot – Pick one option in quantity 1	Quantity	
Comb 1,2,3,4 +	C0YX	M.2 7450 PRO 960GB Read Intensive NVMe PCIe 4.0 x4 HS SSD	1	Pick one
Comb 1,2,3,4 +	C0YS	M.2 PM9A3 960GB Read Intensive NVMe PCIe 4.0 x4 HS SSD	1	Pick one

7. Power Supply

(Pick one option in quantity 2)



Lenovo FC	Description	Quantity	Comment
C0Y6	HS350X V3 AsPower 1300W PT PSU	2	
C0Y7	HS350X V3 GW 1300W PT PSU	2	
C0Y8	CRPS GW-CRPS 1300W TT PSU	2	Europe Lot 9 reqmnt
C0Y9	CRPS 1600W PT PSU	2	Not actually needed.

8. Miscellaneous

(Mandatory all of them)

HDD BP	HS350X V3 Front 8x 3.5" SATA/SAS BP	1
NVMe BP	HS350X V3 2x 2.5" NVMe Rear BP and Cables	1
RISER	HS350X V3 Riser 1	1
FAN	ThinkSystem HS350X V3 6038 Fan Module MP	6
(Optional)		
RISER	HS350X V3 Riser 2 Kit	1

5. Ethernet Adapter

(Both in quantity 1)

Lenovo FC	Description	Quantity
C0YL	Broadcom 57414 10/25GbE SFP28 2-Port OCP3.0 Ethernet	1
C0YH	Broadcom 57414 10/25GbE SFP28 2-Port PCIe Ethernet	1

6. FC HBA (Optional)

(Pick one option in quantity 1)

Lenovo FC	Description	Quantity
COYJ	EmulexLPe35002 32Gb 2-Port PCIe Fibre Channel Adapter V2	1



N4
Certification
in progress



N12
DCSC ready



N24
DCSC ready

Commvault Hyperscale X N12 on Lenovo SR650



1. Processor Options

(Pick one option in quantity 2)

Option	Option	Lenovo FC	Description	Quantity
4th Gen	1	BQ69	Xeon Silver 4416+ 20C 165W 2.0GHz w/o Fan	2
	2	BQ6L	Xeon Gold 5416S 16C 150W 2.0GHz w/o Fan	2
	3	BQ6H	Xeon Gold 5418N 24C 165W 1.8GHz w/o Fan	2
	4	BQ66	Xeon Gold 5418Y 24C 185W 2.0GHz w/o Fan	2
	5	BQ65	Xeon Gold 5420+ 28C 205W 2.0GHz w/o Fan	2
	6	BQ6C	Xeon Gold 6416H 18C 165W 2.2GHz w/o Fan	2
	7	BQ6B	Xeon Gold 6418H 24C 185W 2.1GHz w/o Fan	2
	8	BPQF	Xeon Gold 6426Y 16C 185W 2.5GHz w/o Fan	2
	9	BPQE	Xeon Gold 6442Y 24C 225W 2.6GHz w/o Fan	2
	10	BPQB	Xeon Gold 6444Y 16C 270W 3.6GHz w/o Fan	2
	11	BYW4	Xeon Silver 4510 12C 150W 2.4GHz w/o Fan	2
	12	BYVS	Xeon Silver 4510T 12C 115W 2.0GHz w/o Fan	2
	13	BYVP	Xeon Silver 4514Y 16C 150W 2.0GHz w/o Fan	2

2. Memory Options

Required to configure 512GB minimum memory. 768GB Memory required when 20TBs HDDs are used.

	Lenovo FC	Description	For 512GB	For 768GB (20TB HDDs)
4th Gen	BNW5	32GB TruDDR5 4800MHz (1Rx4) 9x4 RDIMM	16	24
	BKTN	64GB TruDDR5 4800MHz (2Rx4) 9x4 RDIMM	8	12
	BNF6	32GB TruDDR5 4800MHz (1Rx4) 10x4 RDIMM	16	24
	BNF9	64GB TruDDR5 4800MHz (2Rx4) 10x4 RDIMM	8	12
	BKTL	16GB TruDDR5 4800MHz (1Rx8) RDIMM	32	N/A
5th Gen	BKTM	32GB TruDDR5 4800MHz (2Rx8) RDIMM	16	24
	BWHW	32GB TruDDR5 5600MHz (1Rx4) 10x4 RDIMM	16	24
	BWHS	64GB TruDDR5 5600MHz (2Rx4) 10x4 RDIMM	8	12
	BX8Y	48GB TruDDR5 5600MHz (1Rx4) 10x4 RDIMM	12	16
	BWHV	96GB TruDDR5 5600MHz (2Rx4) RDIMM	6	8
	BWUE	16GB TruDDR5 5600MHz (1Rx8) RDIMM	32	N/A
	BWJC	32GB TruDDR5 5600MHz (2Rx8) RDIMM	16	24
	BWSL	24GB TruDDR5 5600MHz (1Rx8) RDIMM	24	32
	BWJD	48GB TruDDR5 5600MHz (2Rx8) RDIMM	12	16

The SR650 V3 only supports quantities of 1, 2, 4, 6, 8, 12, or 16 DIMMs per processor; other quantities not supported. Therefore, some supported configurations will have more than the stated memory quantities. Populate all 8 memory channels per processor for best performance.

3. Raid Controller

(One each in quantity 1)

Lenovo FC	Description	Quantity
BM8X	M.2 SATA/x4 NVMe 2-Bay Enablement Kit	1



5. Ethernet Adapter (2 adapters one from each block in quantity 1)

Lenovo FC	Description	Quantity
B5ST	Broadcom 57416 10GBASE-T 2-port OCP Ethernet Adapter	1
BCD5	Intel X710-T2L 10GBASE-T 2-port OCP Ethernet Adapter	1
BN2T	Broadcom 57414 10/25GbE SFP28 2-port OCP Ethernet Adapter	1
Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port OCP Ethernet		
Lenovo FC	Description	Quantity
AUKP	Broadcom 57416 10GBASE-T 2-Port PCIe Ethernet Adapter	1
BNWL	Intel X710-T2L 10GBase-T 2-Port PCIe Ethernet Adapter	1
BK1H	Broadcom 57414 10/25GbE SFP28 2-port PCIe Ethernet Adapter	1
BE4U	Mellanox ConnectX-6 Lx 10/25GbE SFP28 2-Port PCIe Ethernet Adapter	1



4. Drives

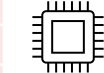
(Pick 12
(Pick 12

Combination	Lenovo FC	Capacity Disks – Pick one option. identical disks in quantity 12	Mandatory	Memory
Comb. 1	B0YR	3.5" 8TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 2	AUUG	3.5" 10TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 3	B117	3.5" 12TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 4	B496	3.5" 14TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 5	B7EZ	3.5" 16TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 6	BCFP	3.5" 18TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	
Comb. 7	BPKU	3.5" 20TB 7.2K SAS 12Gb Hot Swap 512e HDD	12	

Lenovo FC	NVMe – Pick one option in quantity 2	Mandatory
Pick one comb. plus	BNEH 2.5" U.2 P5620 3.2TB Mixed Use NVMe PCIe 4.0 x4 HS SSD	2
Pick one comb. plus	BNEY 2.5" U.3 7450 MAX 3.2TB Mixed Use NVMe PCIe 4.0 x4 HS SSD	2

Lenovo FC	Boot – Pick one option in quantity 2	Mandatory
Pick one comb. plus	BYF8 M.2 ER3 480GB Read Intensive SATA 6Gb NHS SSD	2
Pick one comb. plus	BQ1Y M.2 5400 PRO 480GB Read Intensive SATA 6Gb NHS SSD	2
Pick one comb. plus	BXMH M.2 PM9A3 960GB Read Intensive NVMe PCIe 4.0 x4 NHS SSD	2

Lenovo FC	Description	Quantity
C0Y6	1100W 230V/115V Platinum Hot-Swap Gen2 Power Supply v3	2
C0Y7	1100W 230V Titanium Hot-Swap Gen2 Power Supply	2
C0Y8	1800W 230V Platinum Hot-Swap Gen2 Power Supply v2	2
C0Y9	1800W 230V Titanium Hot-Swap Gen2 Power Supply	2



(Pick 12
(Pick 12

Capacity Disks – Pick one option. identical disks in quantity 12

Mandatory

Memory

Mandatory

NVMe – Pick one option in quantity 2

Mandatory

Boot – Pick one option in quantity 2

Mandatory

Description

Quantity

Quantity

Quantity

Quantity

Quantity

8. Miscellaneous

(Mandatory all of them)

Description	Description	Quantity
SOLUTION	Lenovo N12 for Commvault Hyperscale X	1
Chassis	ThinkSystem V3 2U 12x3.5" Chassis	1
NVME	ThinkSystem 2.5" U.2 3.2TB Mixed Use NVMe x4 HS SSD	2
HDD BP	ThinkSystem 2U 12x3.5" SAS/SATA Backplane	1
NVME BP	ThinkSystem 4x2.5" AnyBay Gen5 Backplane	1
M.2	ThinkSystem M.2 Enablement Kit	1
RISER	ThinkSystem V3 2U x16/x8/x8 PCIe Gen4 Riser1 or 2	1
MGMT	XCC Platinum	
	XClarity Pro, Per Managed Endpoint w/3 Yr SW S&S	



N4
Certification in progress



N12
DCSC ready



N24
DCSC ready

*„... pro Commvault, Veeam a Cohesity
se chodí i do LENOVA !!“*

Smarter
technology
for all

Lenovo

thanks.