

# Fast track to Windows Server HCI

FUJITSU



PRIMEFLEX for Microsoft  
Storage Spaces Direct

Start



Modernize with Windows Server 2022 –  
The cloud-ready operating system that boosts  
on-premises investments with hybrid capabilities.

# Transform with confidence to hyper-converged IT



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Hyper-converged infrastructures (HCI) are transforming the economics of IT. Unlike traditional infrastructures, HCI is software-defined, creating a next generation data center foundation that's even more cost-efficient, resilient, and adaptable to changing business scenarios. The do-it-yourself approach to hyper-converged infrastructures is fraught with challenges. Fujitsu can provide an integrated system that speeds deployment of the core virtual infrastructure foundation for the data center:

## **Fujitsu Integrated System PRIMEFLEX for Microsoft Storage Spaces Direct.**

### **With PRIMEFLEX for Microsoft Storage Spaces Direct, you can:**

- Ramp up a new virtual infrastructure significantly faster than by doing it yourself
- Reduce storage costs and simplify infrastructure management
- Grow as you go with no large upfront investment
- Seamlessly extend your on-premises deployment to a hybrid cloud





# Achieve faster time to value with PRIMEFLEX for Microsoft Storage Spaces Direct

PRIMEFLEX for Microsoft Storage Spaces Direct is an integrated system that includes all the hardware, software and services to simplify the deployment, operation and maintenance of a Microsoft-based hyper-converged IT infrastructure.

The solution leverages high performance, energy-efficient Fujitsu PRIMERGY standard x86 servers and the software-defined server and storage technology integrated in Windows Server 2022 to reduce complexity and TCO in data center infrastructure.

Fujitsu offers a range of validated and certified server configurations including standardized implementation and infrastructure support.



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# Choice of delivery options

To ensure a smooth deployment and easy maintenance of your integrated system, PRIMEFLEX for Microsoft Storage Spaces Direct includes a mandatory on-site implementation service and an infrastructure support service that provides technical solution support with a single point of contact. Companies who have sufficient resources in their IT department to deploy and maintain the IT infrastructure on their own, can choose the PRIMEFLEX Essentials option without an implementation service and solution support. The choice is yours – simply select the delivery option you need.



**PRIMEFLEX**

Implementation Services



Infrastructure Support



**PRIMEFLEX Essentials\***

\*Certified hardware & software including component support



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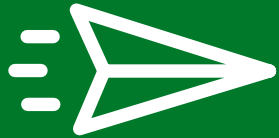




# Six reasons why you should invest in PRIMEFLEX for Microsoft Storage Spaces Direct

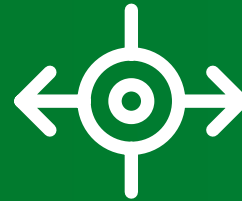


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## Fast setup

From running OS deploy  
cluster in under 15 minutes



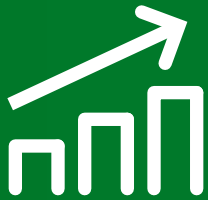
## Fault tolerance

Built-in resiliency for multiple component  
failures – even in 2-node deployments



## Unrivaled performance

Achieve 150k+ IOPS per server  
with microsecond latency



## Resource efficiency

Get 10x more usable storage for free  
with deduplication and compression



## Save costs

Reduce storage TCO by up to 50%



## Easy scalability

Start small with 2 servers and go up  
to 16 servers and 4 PB of raw storage

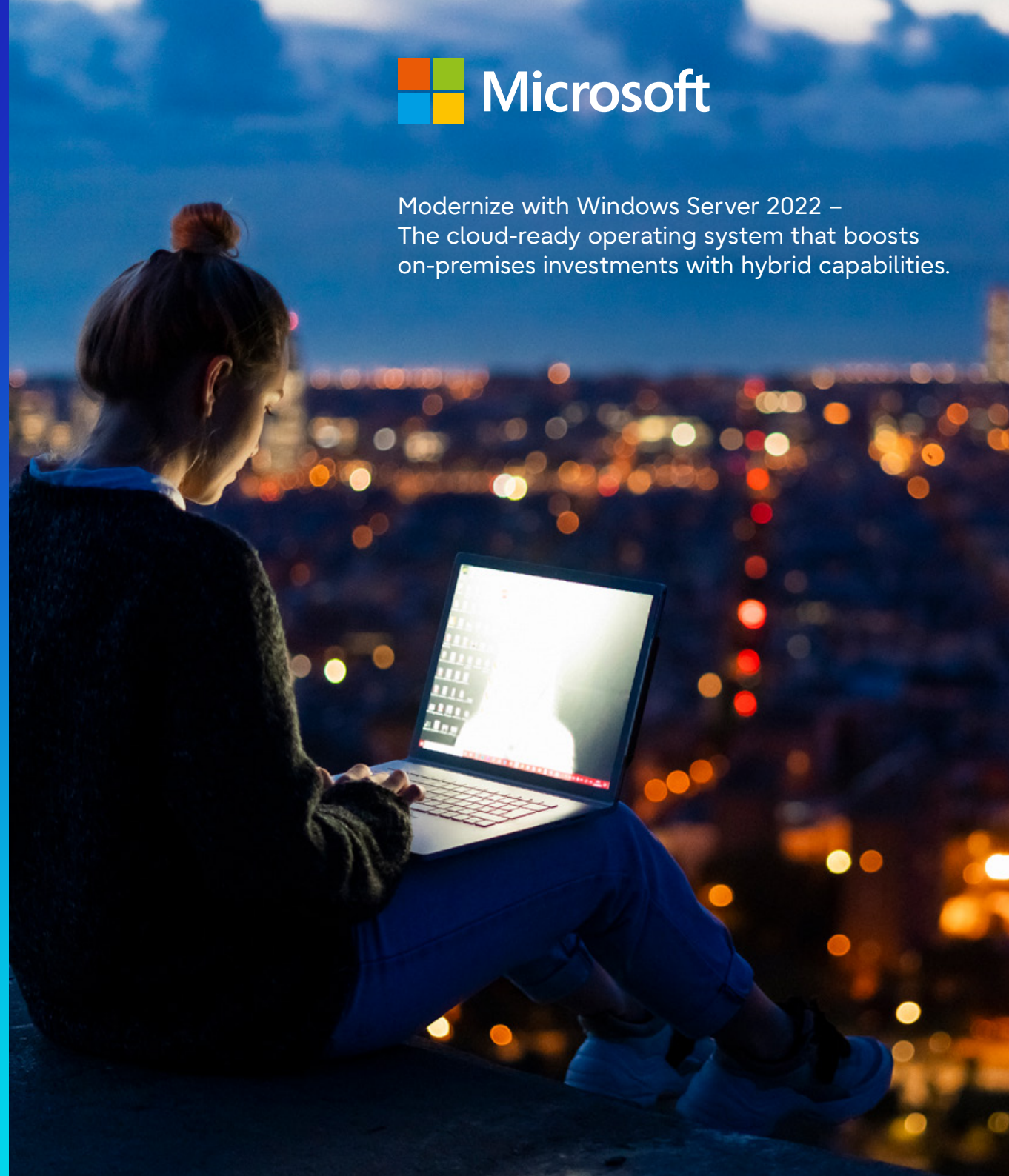
# Simplify path to hybrid IT

**Seamlessly connect to Azure cloud to extend your on-premises deployment to a hybrid cloud solution.**

With the Azure hybrid services in Windows Admin Center, you easily start using the cloud for your hyper-converged infrastructure management, including Azure Backup and Site Recovery, Azure File Sync, Azure Monitor and Azure Update Management.



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# Any questions?

## Q&A

### **I trust my existing infrastructure. But can I trust a hyper-converged IT?**

Since the launch of Storage Spaces Direct, Fujitsu's experience in deploying Microsoft HCI projects have been documented by a number of publicly available case studies where customers consistently report significant performance increases and TCO savings.

### **Storage Spaces Direct requires Windows Server 2022 Datacenter. Isn't that expensive?**

With a hyper-converged approach, you can eliminate all the costs for an external storage environment: storage arrays, SAN switches, management tools and cost of people to manage the infrastructure. This outweighs the higher costs for the software.

### **How do I implement different service level objectives for my data?**

With PRIMEFLEX for Microsoft Storage Spaces Direct, you can set up a tiered storage architecture with graded quality of service. For instance, hot data can reside in a high-performance tier to ensure low access latencies, while colder data can be stored in tiers with lower cost per gigabyte.

### **How do I make sure my apps get the performance they need?**

Storage Spaces Direct comes with integrated storage quality of service controls, which enable you to keep overly busy VMs in check with minimum and maximum per-VM IOPS limits. So you can prioritize your key apps to guarantee the service levels they need.



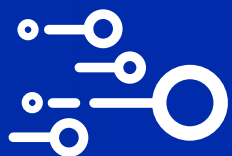
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# Why wait? Act now! Go PRIMEFLEX for Microsoft Storage Spaces Direct.



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## **Be agile – create business-centric IT**

- Responsive
- Fast, flexible and reliable
- Easy, non-disruptive scalability



## **Be efficient – reduce TCO**

- Reduce storage costs
- Save floor space, power and cooling
- Streamline management



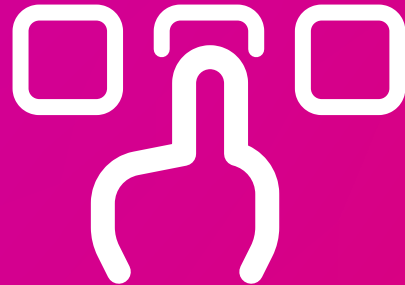
## **Be safe – transform with confidence**

- Reduce deployment risk
- Gain faster time to production
- Pay as you grow



# PRIMEFLEX for Microsoft Storage Spaces Direct

Pick the configuration that suits your needs.



Learn more about all validated and certified configurations from Fujitsu:

[www.fujitsu.com/global/pf4s2d](https://www.fujitsu.com/global/pf4s2d)



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PRIMEFLEX for Microsoft Storage Spaces Direct is powered by Fujitsu Server PRIMERGY, providing the industry's most complete x86-based server portfolio.

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