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Lenovo

FAQ

Lenovo TruScale Data Management for Storage

To keep pace with massive data growth, businesses can increase data storage by augmenting the existing capacity of their on-premises datacenters or by hosting data offsite in the cloud. Both on-premises and cloud-based data storage have strengths and weaknesses. How is a customer to determine which is right for them?

Q1. What are the challenges when storing and managing data in an on-premises datacenter?

Expanding existing on-premises storage capacity in datacenters can require large capital investments in IT (more servers, more staff, more warehouse space for the datacenter, etc.). This can lead to overprovisioning. Then, as demand for data grows, businesses upgrading storage capacity will be competing with others to find and hire IT staff that are up to date on the latest technology advances. Furthermore, global economic and political issues can cause chaos in global supply chains, exposing customers to hardware shortages that could delay plans for increasing storage and dramatically increase hardware costs.

Q2. Are there benefits to storing and managing data in an on-premises datacenter?

On-premises data storage does provide businesses with more granular control of data security.

Q3. What challenges do enterprises face when they host data in the cloud?

Storing data off premises in the cloud can raise security concerns about storing sensitive or proprietary data, including regulatory and data privacy issues. Additionally, the subscription costs for storing and analyzing data in the cloud can skyrocket as a business's use of data increases. Indeed, research by Capita shows that up to 58% of enterprises claimed switching to the cloud had proven more expensive than initially thought.

Q4. Are there alternatives to cloud and on-premises data centers?

Yes. Lenovo is an as-a-service provider, offering customers the flexibility to scale their IT hardware, software, and support capabilities as their infrastructure needs evolve. Lenovo TruScale Data Management for Storage is an Infrastructure as a Service portfolio comprising:

- TruScale Managed Storage – Lenovo managed platform service with a no-risk, pay-as-you-go consumption model
- TruScale Infinite Storage – Lenovo managed platform service with infinite expansion and a no-risk, pay-as-you-go consumption model

Q5. What benefits does TruScale Data Management for Storage provide and how do they compare to storing data in an on-premises datacenter or in the cloud?

Lenovo's TruScale Data Management for Storage services give customers the benefit of an on-premises deployment with the experience and insight of cloud data storage, without the drawbacks. Businesses only pay for what they use, without the need to overprovision as a hedge against future growth and supply chain interruptions. Lenovo helps customers select the combination of TruScale services and the performance level that meet their immediate and future needs. Lenovo TruScale will then install storage arrays on-premise or at a designated colocation facility with enough capacity to cover immediate and near-term demands.

Lenovo TruScale Data Management for Storage services at-a-glance:

	TruScale Managed Storage	TruScale Infinite Storage
Pay-as-you-go	✓	✓
No large upfront capital outlay	✓	✓
No need to overprovision	✓	✓
Surge and growth capacity pre-deployed for seamless operations	✓	✓
Lenovo Sustainability Services, helping customers meet ESG commitments	✓	✓
Fast time to production with Lenovo Deployment Services	✓	✓
Futureproofed storage	✓	✓
Shortened time to production through capacity planning and TruScale Service Delivery	✓	✓
Removes routine tasks so IT can focus on higher value activities	✓	✓
Unlimited capacity growth at a predictable cost		✓

Visit [Lenovo TruScale for Data Management](#) to learn more or talk with your Lenovo representative to get started.

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