



Delivering better student and staff services at 60% lower cost.

How the **University of Auckland** chose Lenovo ThinkSystem solutions with AMD EPYC™ processors to power its software-defined hyperconverged infrastructure, boosting flexibility, performance, and ease of management.

Lenovo Infrastructure Solutions
for The Data-Centered

Lenovo

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Background

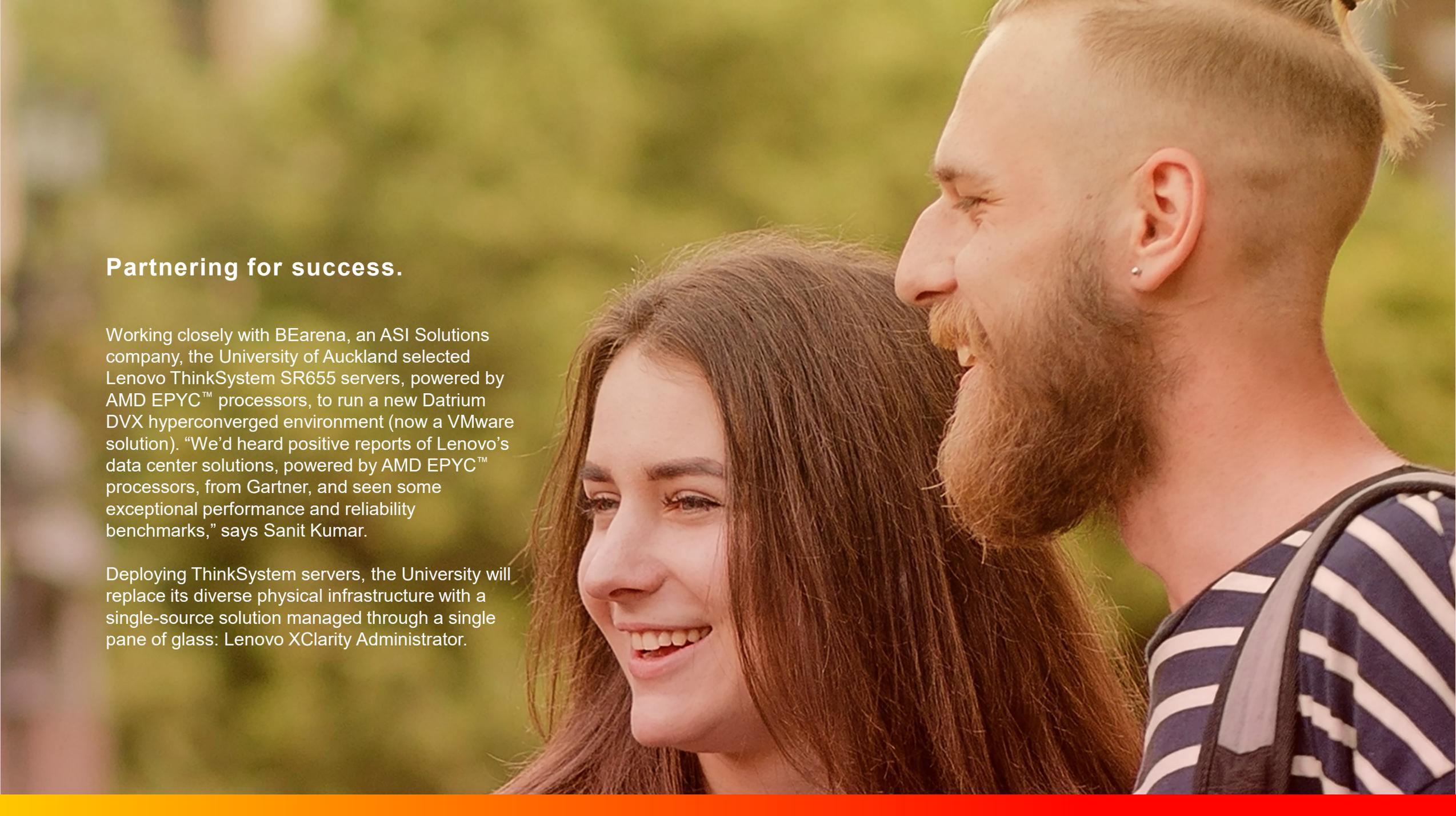
As New Zealand's largest university, the University of Auckland provides first-class teaching and research opportunities to more than 40,000 undergraduate and postgraduate students. Efficient information systems are the backbone of both academic and administrative services. To attract and retain the best students and staff, the University must offer fast, reliable, and convenient IT services—without breaking the bank.

Sanit Kumar, Infrastructure Services Portfolio Manager, says: “Our vision was to adopt a hyperconverged infrastructure run by a single, cross-functional team, replacing siloed technologies so that we could manage services from an end-to-end, value-stream perspective.”

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Challenge

With different technologies from multiple vendors, it was hard for the University to manage and upgrade its infrastructure over time. To enable the IT team to deliver high-quality services to users and continuously add more value, the organization looked for a seamless, hyperconverged, and highly automated platform combining compute, storage, backup, and disaster recovery (DR).

A young man and woman are shown in profile, smiling and looking towards the left. The man has a beard and is wearing a striped shirt. The woman has long dark hair and is also smiling. The background is a soft-focus green, suggesting an outdoor setting. The overall mood is positive and collaborative.

Partnering for success.

Working closely with BEarena, an ASI Solutions company, the University of Auckland selected Lenovo ThinkSystem SR655 servers, powered by AMD EPYC™ processors, to run a new Datrium DVX hyperconverged environment (now a VMware solution). “We’d heard positive reports of Lenovo’s data center solutions, powered by AMD EPYC™ processors, from Gartner, and seen some exceptional performance and reliability benchmarks,” says Sanit Kumar.

Deploying ThinkSystem servers, the University will replace its diverse physical infrastructure with a single-source solution managed through a single pane of glass: Lenovo XClarity Administrator.

Why Lenovo? Robust technology backed by world-class support.

The University has deployed 37 Lenovo ThinkSystem SR655 servers, powered by AMD EPYC™ processors, across two data centers in an active/active architecture, and will now migrate its 3,000 VMware virtual machines to the new servers.

“AMD EPYC™ processors are ideally suited for hyperconverged infrastructure (HCI) thanks to their performance, memory capabilities, and security features,” says Sanit Kumar.

The solution is backed by five years of Lenovo Premier Support, and includes direct access to a dedicated Lenovo Technical Account Manager. The ThinkSystem servers will later be consolidated to a single data center, with on-demand DR on the public cloud.



“In our business case, we looked at five-year total cost of ownership. The Lenovo solution gives us a 60% saving on our previous infrastructure—which we can reinvest in better services for students and staff.”

Sanit Kumar

Infrastructure Services Portfolio Manager,
The University of Auckland

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Results

By giving Cloud Engineers the ability to directly manage compute, storage, and backup resources from XClarity, the Lenovo solution, powered by AMD EPYC™ processors, is helping the University to standardize its internal skillsets and enable more automation.



60% reduction in total cost of ownership over five years forecast



Enabled end-to-end service management

What will you do with Lenovo ThinkSystem solutions?

The Data-Centered deliver high-quality services to students and staff with Lenovo smarter infrastructure solutions, powered by AMD.

[Explore Lenovo ThinkSystem Solutions](#)



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