

Azure Stack Validation Centre



Needing to validate your Azure Stack use cases?



Challenges

You understand the value proposition of Azure Stack, but need to validate your use cases on production-grade hardware with the right resources.

- **Real world** – while the Azure Stack Dev Kit is useful for proof of concepts and training, when it comes to validating business critical use cases, you need a real world solution.
- **End to end advice** – you need experts that span networking, hardware and services, and who can work together to validate your use cases.



Ideal Solution

Wouldn't it be great if you could get:

- **Highly connected networks** – the Equinix Sydney data centres are the most network connected facilities in Australia.
- **Optimal hardware** – leverage our configurable, performant and secure ProLiant hardware.
- **Expert advice** – work with the experts to get your use cases validated quickly and effectively.



Outcomes

- **Validation of your uses cases** on production-grade hardware using an HPE ProLiant for Azure Stack 4 node system, totalling 1TB RAM, 224 cores, and 65TB storage.
- **Convenient** – easily connect over the Internet with full remote management of your Azure Stack environment.
- **Secure** – we use a private, encrypted ExpressRoute link to ensure your use case data stays secure.



Azure Stack Validation Centre



The Azure Stack Validation Centre brings together world class facilities, hardware, services and staff to provide you with a production-grade 4-node Azure Stack system that you can use to validate your use cases.

Equinix Facilities

- **International Business Exchange (IBX) data centres** – state of the art facilities, average global uptime of 99.9999%, multiple compliance standards eg SOC 1&2 Type II, ISO 27001, PCI DSS, and NIST 800/FISMA.
- **Equinix Cloud Exchange (ECX) Fabric** – secure, fast, dedicated ExpressRoute connections to Azure, and other providers such as AWS and Google Cloud Platform.
- **Vendor hub** – major hub for electronic payment, capital markets, and trading, connecting to over 155 networks.

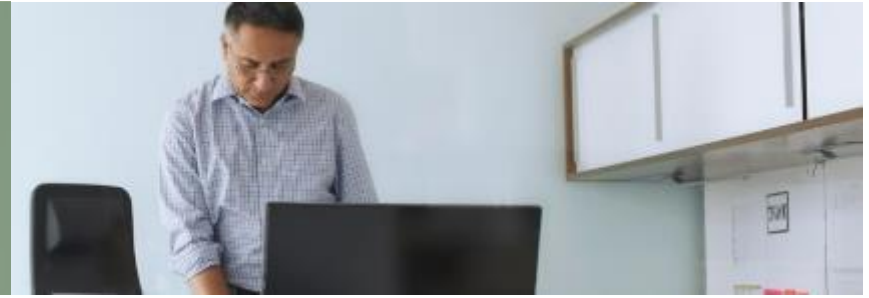
HPE Hardware

- **Most configurable** – choose the right processor, memory, storage and 3rd party hardware options, with nodes available in single increments rather than blocks of four.
- **Maximised performance** – up to 120TB raw storage capacity per node, delivering a 50% overall increase in capacity, a 66% boost in memory bandwidth, and double the memory.
- **Unmatched security** – includes HPE Silicon Root of Trust (major firmware is anchored to the silicon), Runtime Firmware Verification (ongoing firmware checks), and Secure Recovery (restoring firmware to known state).

Vigilant.IT Services

- **Experienced** – Vigilant.IT are Azure Stack experts, being a lead partner in the early adopter program, and with ongoing product group connections that started with Windows Azure Pack, Azure Stack's predecessor.
- **Experts** – our staff include one of a handful of qualified Azure Stack cloud operators in Australia, and multiple Microsoft MVPs (Azure, Cloud & Datacenter).
- **Certified** – multiple Microsoft Gold competencies (Cloud Platform, Cloud Productivity, and Datacenter), and years of Microsoft product testing experience.

More about Azure Stack



Azure Stack Scenarios

- **Edge and disconnected** – process data offline using Azure Stack then upload to Azure for deeper analysis and integration with business systems. From factory floors to cruise fleets to remote sites, it opens up whole new possibilities.
- **Regulatory requirements** – maintain data sovereignty while leveraging cloud benefits.
- **Hybrid cloud** – move cloud apps seamlessly between on-premises and cloud.



Azure Stack is an extension of Azure

- **Consistent services** – leverage Azure services like Windows & Linux VMs, containers, web apps, SQL, storage (managed disks, blob/table/queue), networking, monitoring, and key management in Azure Stack.
- **Consistent tools** – same application model, Azure Resource Manager, admin tools (portal, Powershell, CLI), self service portal, APIs and developer tools eg Visual Studio.
- **Consistent DevOps** – develop, deploy and operate your cloud apps in the same way.



Why Azure Stack Validation Centre?

- **FREE** for valid Azure Stack sales opportunities.
- Pre-configured Azure Stack solution templates such as microservices, blockchain, Kubernetes, and Cognitive Services.
- World class Azure Stack experts all in one place.
- Easy path from PoC to production if desired.

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