Telstra

Cloud Modernisation Checklist for Global Organisations

Optimise your workload, agility and compliance in 6 steps

In the recent years, cloud technology has quickly emerged as a key driver of digital transformation. It is often associated with enabling seamless scalability, enhanced security, and cost efficiency.

For enterprises at the start of embracing cloud technology, this checklist—segmented into six key steps with exploratory questions—can be an invaluable tool in the process.
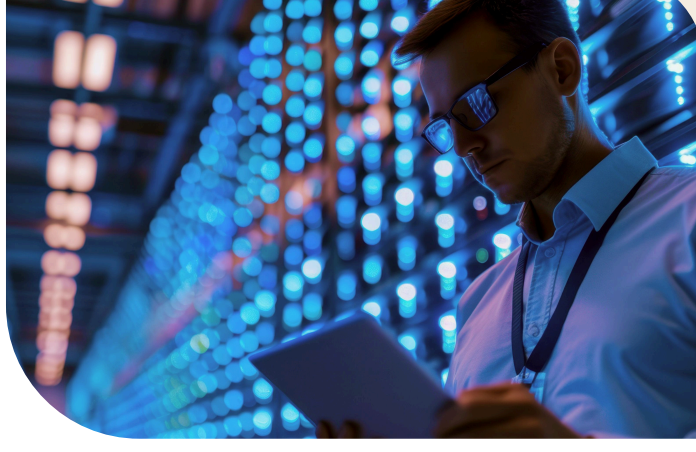
01 Define your cloud objective

Establish clear cloud objectives to align with global operations and scalability goals.

- Is my infrastructure capable of supporting AI-driven decision making and data analytics across regional offices?
- Am I enabling seamless, real-time collaboration for globally dispersed teams?
- How can I ensure compliance with regional data residency laws while supporting international operations?
- Am I reducing costs effectively while maintaining operational agility across borders?
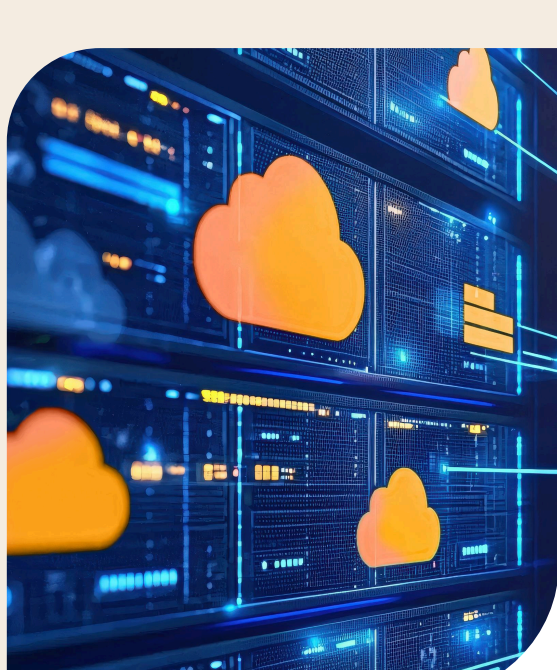
☁ Did you know?
Gartner predicts that most organisations will leverage **cloud as a business necessity** by 2028.

02 Evaluate hybrid multi cloud solutions

Hybrid multi cloud provides flexibility and resiliency, essential for large-scale global operations.

- Do I need a **hybrid multi cloud strategy** to manage workloads across various jurisdictions?
- Can my current business applications run effectively in a modern hybrid multi cloud environment?
- Can a hybrid multi cloud solution support **data residency compliance** across multiple regions while meeting global governance and local customisation needs?

☁ Did you know?
89% of enterprises have a multi cloud strategy in place, and 73% of those are adopting a hybrid cloud approach.

03 Assess data flow, latency, and edge computing needs

Seamless data flow and low latency are crucial for ensuring efficient operations and delivering exceptional performance across global networks.
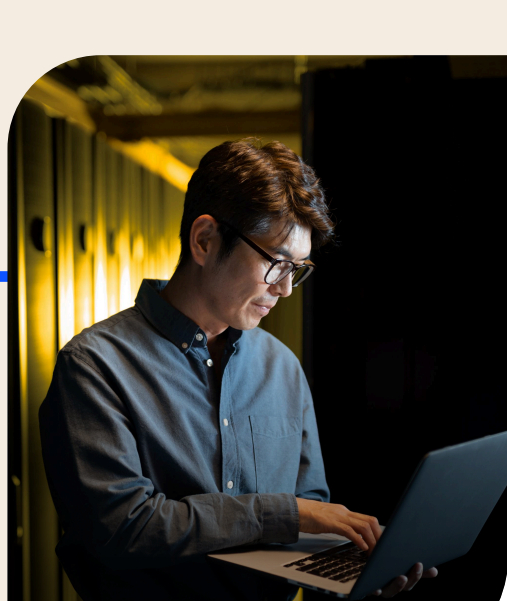
☁ Did you know?
According to **Harvard Business Review**, 91% of leaders believe that democratising data access is essential for business success, while 76% emphasise that widespread access to artificial intelligence (AI) is equally critical.

- Is my infrastructure configured to support direct peering between colocation facilities and the cloud, to ensure seamless data flow and reduced latency for critical workloads?
- Can my network meet real-time requirements by leveraging **edge computing** for regional data processing?
- How will I ensure secure, compliant data transfers across global offices?

04 Engage a cloud partner for architecture and migration consultancy

Global cloud environments are complex, and expert guidance can come in useful.

- Do I need a **consulting partner** to design a scalable architecture that accommodates global operations?
- How can an experienced and certified partner assist in the **migration process**, to ensure compliance and optimised performance across regions?

☁ Did you know?
According to a report by **451 Research**, 98% of organisations using the public cloud have adopted a multi cloud strategy. 31% report that they are using four or more cloud providers. The top two drivers of multi cloud adoption are data sovereignty and cost optimisation.

05 Safeguard your global cloud environment with tailored security and compliance

Security risks multiply with scale. Cybersecurity and compliance are critical for MNCs.

- Does my security framework ensure compliance while protecting against threats across multiple regions, networks, and clouds?
- Am I managing **identity and access** controls effectively to meet international regulatory requirements and adhere to regional compliance standards?
- Can a trusted and certified partner provide **real-time threat monitoring** across diverse geographies?
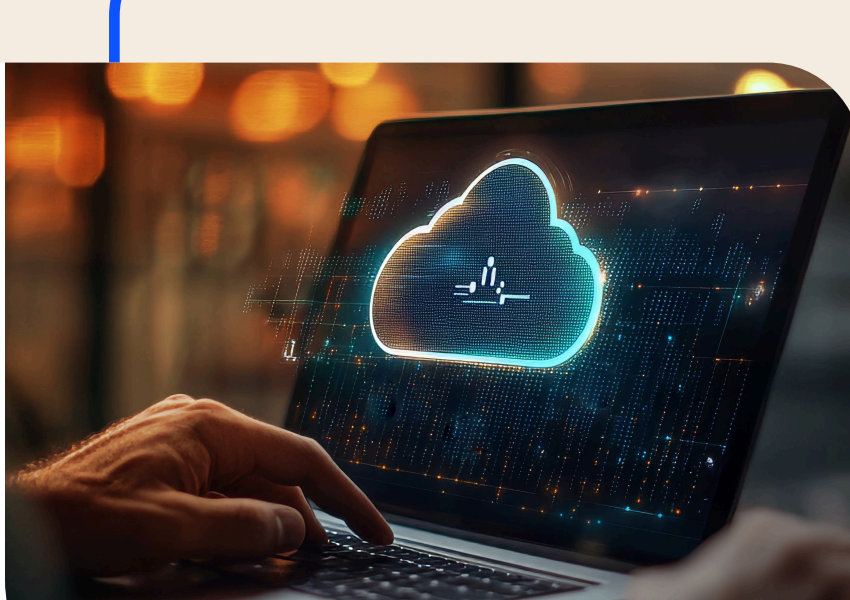
☁ Did you know?
A recent S&S Insider report estimates that the **Cloud Compliance Market**, valued at USD 31.2 billion in 2023, is set to grow significantly, reaching USD 115.98 billion by 2032, with a strong CAGR of 16.63% from 2024 to 2032.

06 Monitor cloud performance, costs, and scalability across regions

Effective monitoring ensures optimal performance and budget control.

- Have I set clear **cost and performance** benchmarks for each region to maintain consistency across operations?
- Am I using monitoring tools effectively to **track usage, scale resources, and optimise costs** in real time?
- Does my approach to scalability align with regional business needs and growth forecasts?

☁ Did you know?
Industry reports indicate that migrating from on-premise infrastructure to the cloud can lead to **significant cost savings**, typically ranging between 30% and 70%.

Get Started

Wherever you are in your cloud journey, we can provide trusted cloud services to help you innovate with confidence.

Explore now

Telstra