



THE MYTH OF THE ONE-WAY CLOUD

Straight-talking insight from Miso



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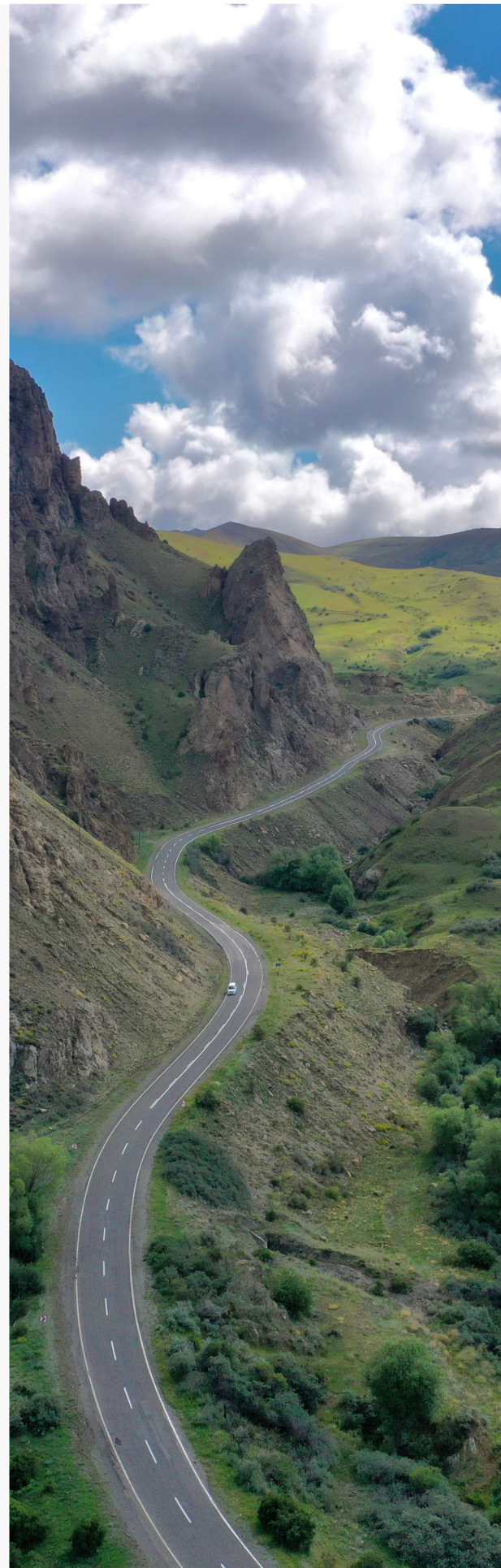
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THE MYTH OF THE ONE-WAY CLOUD

For a decade, the cloud was sold as a one-way journey. Cloud was simple: migrate your workloads from on-premises to the cloud, shut down your own data centres, and live in a scalable, maintenance-free utopia.

In practice, it's never been that simple.

We're seeing organisations beginning to move to Hybrid Cloud, moving workloads back to on-premises infrastructure and realise that the cloud isn't a final destination but a two-way street.





WHAT IS CLOUD REPATRIATION?

According to recent research from Crayon, 43% of organisations are now considering moving portions of their cloud spend back on-premises. If you like the tech jargon, that's known as Cloud Repatriation.

This rebalancing is being driven by cost, control, and performance:

- **Cost Predictability:** Cloud has always been opaque with its costing especially with hidden fees like API call charges and egress fees.
- **Control and Governance:** Regulation, jurisdiction, and geopolitical risk are shaping architecture decisions with more sensitive data heading back to local infrastructure.
- **Performance & AI:** Performance, especially when AI training, thrives on proximity. When you're dealing with massive datasets, on-prem often wins for speed and security.

This shift is not about abandoning cloud but actually using it more effectively. It favours a Cloud 3.0 approach, where data and processes sit in the environment that suits them best, whether that is the cloud, on-prem, or a mix of both.

BUILDING FLEXIBILITY BY DESIGN

Flexibility must be treated as a core architectural requirement in response to ongoing technological change and uncertainty: Don't build as if you'll be on AWS or Azure forever. Architect your systems so that moving a workload back to a local rack or to a different cloud is as simple as it can possible be.

The same goes for the tools you chose, while proprietary technology is great for the ecosystem it's built for, it can trap you with that specific vendor. To avoid lock-in, use tools that work across platforms and environments. These Evolutionary Technologies allows your team to deepen their expertise in a single set of tools, that stay consistent even if the underlying infrastructure changes. No retraining required.

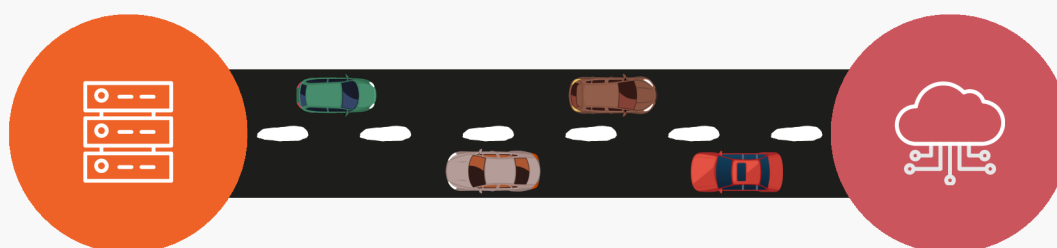




THE TRUTH OF THE TWO-WAY CLOUD

Cloud adoption has evolved beyond the idea of a single destination. As technology continues to change, and as factors such as cost, governance, and performance place increasing pressure on organisations, the ability to move workloads to the environment that best fits the business has become essential.

Cloud repatriation is just one aspect of this bi-directional journey. To support this, organisations must avoid unnecessary lock-in by adopting evolutionary technologies that deliver flexible architectures. What matters is much less where workloads run today, but the freedom to run it somewhere better tomorrow



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