

ORACLE

CIO Exchange Roundtable

Rightsize Your Hybrid and Multicloud Strategy

November 18, 2021

Rightsize Your Hybrid and Multicloud Strategy

Featured Speakers



Elias Khnaser
*Chief of Research,
EK Media Group*



Jae Evans
CIO, Oracle

Today's Hybrid and Multicloud Landscape

Most businesses today leverage at least a primary and secondary cloud provider, with the primary provider handling anywhere from 60-90% of the workloads, and additional cloud providers comprising the remainder

Adopting a multicloud architecture is not a matter of 'if' but 'when' for most businesses, and although some do so through strategic planning, it is common for organizations to 'stumble' into multicloud out of necessity with ad hoc implementations

CIOs adopt multicloud strategies for a variety of reasons:

- Individual providers' unique capabilities and best-of-breed solutions
- Reducing vendor lock-in and securing an exit strategy
- Increasing portability between providers
- Strengthening business continuity and disaster recovery

Key Considerations for Hybrid and Multicloud

Reduce infrastructure sprawl by adopting an IaaS strategy, consolidating disparate software versions, support levels, and redundant instances across dispersed locations that are difficult to track and manage

Rein in technical debt with a unified design to reduce security vulnerabilities, consolidate deployment and patch management needs, and reduce the likelihood of rogue one-off implementations

Take stock of your ecosystem, through inventory management and data collection to make informed strategic decisions and move to an optimized hybrid and multicloud architecture right-sized for your environment

Prepare for some initial complexity, keeping in mind challenges such as integration, change management, upskilling, and financial management

Migrating workloads to the cloud smoothly and to drive efficiency

Clearly identify your business drivers for multicloud early to determine the appropriate strategy (mergers and acquisitions, best of breed, innovation insurance, portability, business continuity (BC) / disaster recovery (DR), etc.)

Create the necessary pipelines and toolsets of an adoption framework to ensure a smooth migration to the cloud, building out tenancies and security architectures in advance for your workloads

Right-sized implementations will generate efficiencies as you migrate your workloads into more optimized architectures requiring fewer resources, as well as providing benefits like reduced deployment times and faster time-to-value

Continually optimize your cloud environment post-migration and even previously 'inelastic' workloads can benefit as you determine which resources can be dynamically scaled up and down

Start realizing benefits quickly even with complex legacy environments

Basic “lift and shift” can be a good starting point to quickly realize early foundational benefits of the cloud even if your higher-level application stack remains to be optimized

Continue to modernize your workloads once in the cloud, iterating to mature and take advantage of such advantages as PaaS services further up the stack

Leverage interconnect capabilities to bridge gaps between cloud providers, bring your on-premises workloads to ‘cloud adjacent’ as an interim step for specific legacy applications, and reduce vendor lock-in

Addressing vendor lock-in comes down to a matter of time – if you anticipate having limited time to migrate between vendors (e.g. less than 30 days), your initial cloud configuration should focus on IaaS (VMs, Containers and Data) for portability

Managing the transition to ensure successful migrations to the cloud

A little organization goes a long way, and such preparations as creating runbooks to standardize migration processes and performing architecture reviews can help your team better understand the work to be done and adapt more quickly

Focus on evolving skill sets through training to ensure the teams responsible for migrating will take on a cloud-focused approach that may significantly differ from their on-premises experience

Consider the cost implications holistically – in addition to the transition from CapEx to OpEx associated with cloud, the increased flexibility to scale and reduced associated exposure should factor into a business case for an investment in hybrid and multicloud

Security can be still be top of mind in the cloud with hybrid options and specific configurations to facilitate regulatory and compliance requirements

For More Information

www.oracle.com/events/cio-exchange/
www.oracle.com/cloud

Oracle CIO Exchange contact
Executive Programs:
executiveprograms_ww@oracle.com