

Eight Critical Practice Areas That Drive Multi-Cloud Use Maturity

Multi-cloud has become an enterprise expectation. How can you assess where you are in developing a path toward multi-cloud mastery? This eight-part framework can help.



1

Excel at Multiple Cloud Adoption Strategies



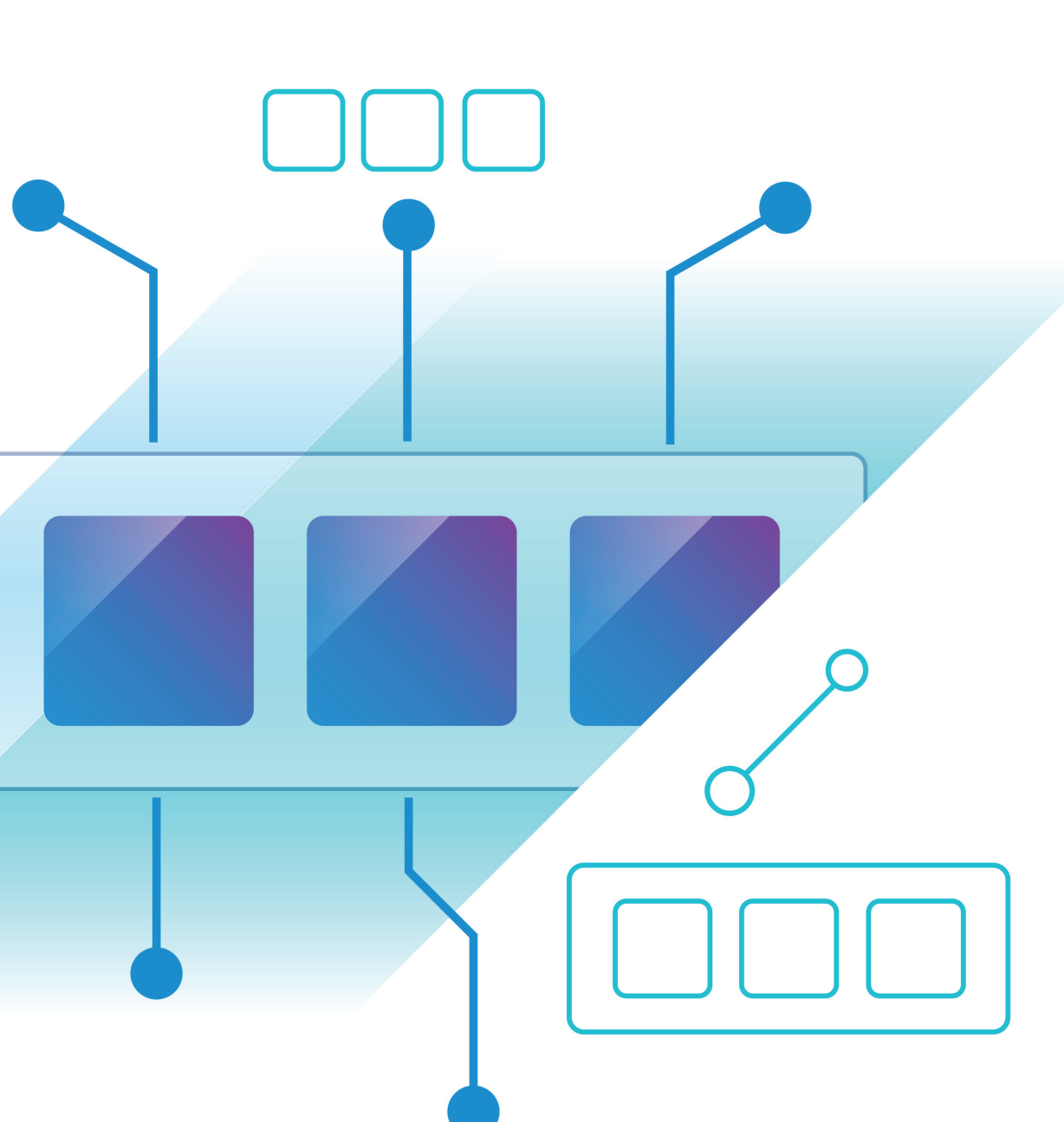
Master single cloud use

- Use cloud DR to support data center apps
- Migrate data center apps to the cloud
- Build new apps in the cloud



Embrace multi-cloud use

- Run apps on 2+ clouds
- Architect an app to use 2+ clouds
- Cross train staff on 2+ clouds



2

Use Cloud Services to Speed Software Delivery

Get better skills leverage and reduce TCO for your apps

- Container as a service
- Database and data cloud services
- AI/ML cloud services
- Serverless or functionless cloud services
- IDE and CI/CD tool cloud services

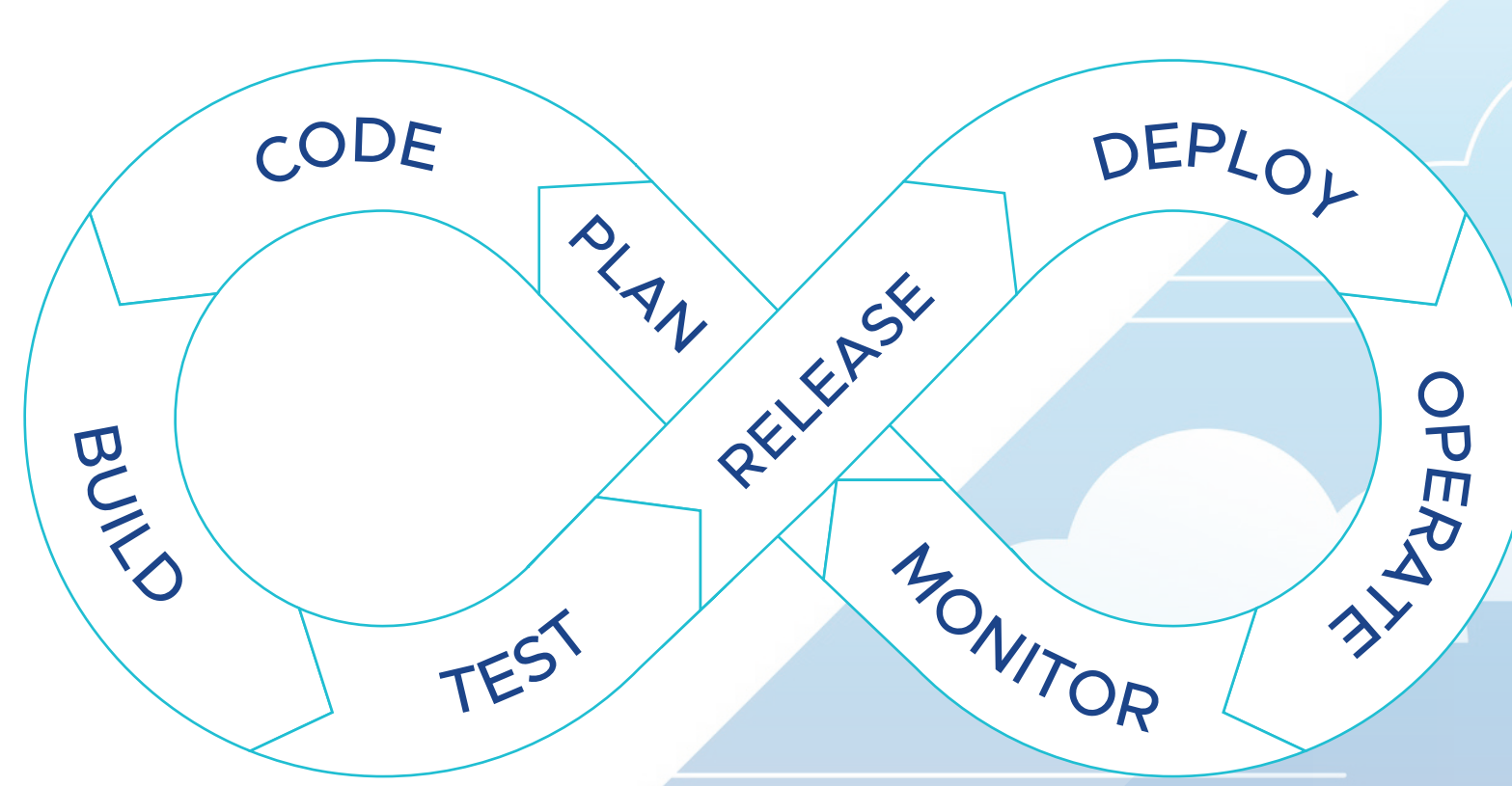


3

Champion DevOps Adoption

Make sure you are making progress on these critical app dev practices

- Moving teams to Agile
- Leveraging micro services architecture
- Running containers on Kubernetes
- Adopting “continuous everything”
- Turning infrastructure into code
- Moving from monitoring to observability



4

Modernize Your Data Center

Upgrade your on-premises environment to Local Cloud

- Virtualizing all infrastructure layers
- Automating service delivery processes
- Making self-service access standard
- Upgrading operational tools and processes
- Bringing “aaS” solutions on-premises

5

Optimize Cloud Costs

Create repeatable processes that drive continuous resource optimization

Start with:

- Visibility into resource usage costs

Then Optimize:

- Rightsize under-utilized resources
- Eliminate zombie instances
- Achieve deep discounts through reservations



6

Embrace Low Friction Governance

Automate policy across operations, security and data management

Automate these areas:

- Privilege and access management
- Data integrity, privacy and security
- Operational best practices
- Security and compliance standards

Leverage these teams:

- Cloud Center of Excellence
- Cloud Platform Team

7

Consolidate cloud tools and platforms

Drive increased speed and efficiency

Standardization opportunities:

- Cloud services (PaaS)
- Development tools
- Management technologies
- Cloud Infrastructure



8

Shift Your Cloud Security Practices Left

From dev to production, target these goals

- Continuous visibility into security posture
- Real-time alerting for security events
- Prioritization of security issues based on quantifiable risk
- Automated remediation of resource misconfigurations



VMware Solutions and Resources

Building capability and maturity around multi-cloud use involves practices and activities in multiple areas. Creating competencies in areas related to building and running applications in a multi-cloud environment is not easy but the right partners can make it easier. No matter where you are starting, VMware and its ecosystem of partners can help.

[Multi-Cloud Maturity eBook](#)

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