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

2. Use Cloud Services to Speed Software Delivery
   - 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
   - Moving teams to Agile
   - Leveraging microservices architecture
   - Running containers on Kubernetes
   - Adopting “continuous everything”
   - Turning infrastructure into code
   - Moving from monitoring to observability

4. Modernize Your Data Center
   - 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 Cost
   - Start with: Visibility into resource usage costs
   - Then Optimize: Rightsize under-utilized resources
   - Minimize running costs with reservations
   - Automate cloud costs into workflows
   - Achieve cloud cost optimization through automation

6. Embrace Low Friction Governance
   - Automate policy across operations, security, and data management
   - Secure your cloud premises
   - Enforce least-privilege access
   - Automate compliance and审计
   - Automate these areas: Privilege and access management
   - Operational best practices
   - Security and compliance standards

7. Consolidate Cloud tools and platforms
   - Drive increased speed and efficiency
   - Standardize applications, Cloud services (PaaS)
   - Management tools
   - Consistent architecture

8. Shift Your Cloud Security Practices Left
   - From dev to production, target these goals
   - Continuous visibility to security posture
   - Real-time alerting for security events
   - Prioritize and remediate with cloud services
   - Secure management of private and public cloud infrastructure
   - Standardization opportunities: Cloud services (PaaS)
   - Development tools
   - Management technologies
   - Cloud Infrastructure

VMware Solutions and Resources
Running on cloud native and cloud services-based multi-cloud use increases practices and activities in multiple areas — creating complexities in some, related to building sustainable, secure multi-cloud environments. This environment is not easy, but the right partners can make it happen. With VMware, we are committed to making multi-cloud easy and efficient. VMware and its ecosystem of partners can help.