

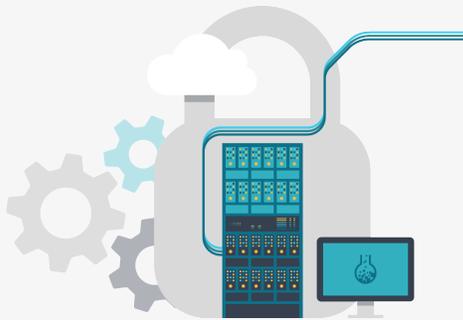
Cloud Architecture Assessment

Fulfill your cloud initiatives.



Alchemy's **Transform** practice leverages emerging technology to drive business outcomes. A modern data-center is necessary to support the innovations, analytics and powerful applications of tomorrow. Companies desire a more efficient and agile posture through automation and cloud adoption.

Alchemy can help organizations on their digital transformation journey through our expertise in cloud strategy and architecture, data-center transformation, workflow automation and robotic process automation (RPA).



Let the transformation begin.

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ALCHEMY
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Alchemy Technology Group is an industry leading IT advisory, consulting and reseller firm focused on end-user experience, security, data-center transformation, cloud and automation.

Assessment Overview

The ease of procuring public cloud has led to widespread adoption, however most deployments fall short of expectations. Lacking a cloud native approach, they are unable to achieve increased security, scalability and elasticity. However, it is not too late to right the ship. When done right, the public cloud can deliver on the promise of increased security, cost optimization and operational agility that lured you there in the first place.

Alchemy Technology Group, Inc. (Alchemy) has developed a Cloud Architecture Assessment to review the current state of your existing cloud infrastructure, understand your current and future business objectives and then provide a roadmap to achieve a secure, cost-optimized and operationally efficient public cloud deployment.

Methodology

Discovery

- Interview key personnel to gain an understanding of the environment
- Review Cloud Architecture Diagrams
- Review Data Classification Policies
- Review Compliance Objectives
- Review Cloud Strategy and Business Objectives
- Review technical aspects including:
 - VPC, VNET, Projects (AWS, Azure, GCP)
 - Regions and Availability Zones
 - Identity, Encryption and Key Management
 - Autoscaling and Cost Optimization Tools
 - Resource Groups and Resource Sizing
 - Storage, Compute and Segmentation
 - Audit and Logging

Gap Analysis

- Identify deficiencies in the current Cloud Architecture
- Classify findings based on the risk and criticality to the organization
- Develop prescriptive recommendations for each finding
- Technical areas that may be covered:
 - Cloud Infrastructure components and architecture
 - Asset Management and Provisioning
 - Business Continuity Planning (BCP) / Disaster Recovery (DR)
 - Security - Vulnerability Management, DLP, Key Management

Outcome

At the end of this engagement, you'll have a findings and recommendations document, complete with a gap analysis, target architecture and roadmap to execute on remediation.