



Reduce Security Risk and Compliance Cost with Proactive AWS Cloud Governance

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Speakers



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Rapid Cloud Adoption

Enterprises across the globe were forced to adopt cloud at a rapid rate than they had initially planned due to the COVID-19 pandemic. Here are some cloud adoption statistics:

50%

of enterprises expressed higher cloud usage than initially planned due to COVID

34%

of small and medium businesses adopted cloud at a rapid rate due to COVID

83%

of companies' workload across the globe moved to public cloud in 2020

According to an online research report, Amazon Web Services has the largest cloud market share at 32% in 2021

Challenges of Rapid Cloud Adoption

As most enterprises were forced to adopt cloud rapidly to survive during the pandemic, the unplanned nature and lack of proper implementations resulted in inefficiencies, security risks, and compliance issues



Multi-account Governance for cloud environments with hundreds and thousands of accounts



Improper implementations & cost control due to unplanned accelerated adoption



Security and compliance issues due to complex multi-account environment

According to an online research report, 95% of cloud security failures occur at the user and implementation level

Enterprise Learnings & Experiences

Relevance Lab has helped Plan, Build and Run AWS Environments for enterprises across sectors

Client

Education / Publishing
\$1B Rev
Global footprint

AWS Footprint

100+ AWS Accounts
Migration from OnPrem to
AWS Cloud
Multi-year phased journey

Concerns

Provisioning Control
Cost Control
Standardization
Security Controls

Client

Pharma / Life Sciences
Fortune 50
Global footprint

AWS Footprint

1000+ AWS Accounts
AWS adoption non-linear
across departments
Hybrid Environment

Concerns

Provisioning Control
Cost Control
Standardization & Monitoring
Security & Compliance

Governance360 - E2E Solution + Service Offering

Governance360 helps plan, build and operate AWS environments at scale with with proactive governance, security & compliance

Platform

AWS

Use of AWS Cloud Services
to
lay the foundations for Proactive
Governance
including
AWS Control Tower
AWS Service Catalog



Product

Dash ComplyOps

Specialized product platform
to
help clients design AWS
environments
that
can meet industry standard
security regulatory compliance
requirements



Solution + Service

Governance360

E2E solution implementation
to provide
with ability to
proactively govern, automate,
monitor, secure and remediate
their multi-account AWS
environments
using
a system of dashboards
provided by native AWS services
and 3rd party tools

Governance360 – Building Blocks

Introduction of Governance360 as single solution for all governance needs and how it helps businesses adopt a holistic approach

AWS Control Tower

Control Services

Automated & Standardized Account Provisioning
Cost & Budget Management
Architecture for Industry Standard Compliance, Monitoring & Remediation

RLCatalyst BOTs Server

Automation Lifecycle

Automate Repetitive & Time-consuming Tasks
Automated Setup of Environments
Codify Best Practices Learned Over Time

RLCatalyst ApplInsights

Service & Asset Management

Application Centric Dynamic CMDB for Software and Asset Management
Incident Management & Auto-remediation

AWS Security Hub

Security Management

Ease of Deployment of Security Controls @ Scale
Infra & App Security Threat Monitoring, Prevention, Detection & Remediation

RLCatalyst Command Centre & AWS CloudEndure

Proactive Monitoring & Workload Migration

Dashboards for Monitoring AWS Environment from Infra to Apps
Best Practices based Workload Migration & Implementations on AWS Cloud

Dash ComplyOps

Regulatory Compliance

Compliance to Industry Regulatory Standards
HIPAA, Hi-Trust, ISO 27001, NIST etc.,

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Controls @ Scale
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Best Practices based Workload
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etc.,

AWS Multi-Account Management & Governance - Best Practices



Automated landing zone with best practice blueprints



Guardrails for policy management



Account factory for account provisioning



Dashboard for visibility and actions



Built-in identity and access management



Preconfigured log archive and audit access to accounts



Built-in monitoring and notifications



Automatic updates (Control Tower)

Maturity Scale on Cloud Governance

Move from non-compliance to Intelligent Compliance with Remediation

Level 1		Basic Governance Multi-account structure with visibility to cost & compliance of your cloud infrastructure
Level 2		Advance Governance Visibility to security with the implementation of Security Hub, BoCT and integration with ITSM like ServiceNow, Jira SD, Freshservice etc.
Level 3		Proactive & Preventive Governance Acquire visibility to cost, health & security with automated patch management for your applications
Level 4		Intelligent Compliance with Remediations Visibility on compliance to Industry regulatory standards like HIPAA, NIST, GDPR with implementation of Dash ComplyOps & AWS conformance packs

Customer Benefits

**30%
Cost Savings**

**With visibility to
orphaned* resources**

**1 Click
Multi-Account
Provisioning**

**Customization of
AWS Control Tower**

**40%
Requests
Automated**

**Service requests,
L1 incidents**

***Orphaned resources - Resources that are not tagged to any applications**

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Cloud Compliance & Regulations

Location Centric Regulations



Meet Laws & Regulations

Industry Regulations



Set High Security Standards

Cybersecurity Frameworks



Meet Client Expectations

Need for a Single Platform

- Compliance and Security - “It takes a village”
- There is Accountability in Simplicity
- Fewer Solutions = Lower Total Cost of Ownership

One Platform -Simplify Regulatory Compliance

Start with Policy

Risk, Regulatory, Maturity
all influence policy.

Implement Controls

Policies are the plan,
controls are action.

Enforce and Measure

Do your controls and
technology match your
policy?

Gather Evidence

When it comes to audits,
show don't tell.

Accelerate the Deal

Customer Security
Assessments - don't build a
legal defense. Get it thrown
out of court.

Iterate and Improve

The Security Plan will
change to meet the
business needs. Prepare
and adapt.

Dash ComplyOps Platform

Dash ComplyOps Platform Demo

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Governance360 - RLCatalyst AppInsights

For Organization using AWS Cloud and ServiceNow ITSM, get an App-centric visibility to your Cloud with near real time view of Assets, Cost, Health & Security through ServiceNow using RLCatalyst AppInsights.

RLCatalyst AppInsights is available on ServiceNow Store at no additional charge

Pre-Requisites: ServiceNow ITSM License (Orlando, Paris, Quebec & Rome), AWS subscription, Service Management Connector 3.7.1 and above.

Governance360 - RLCatalyst AppInsights

RLCatalyst AppInsights Demo

Governance360

Key Takeaways

AWS - Cloud Platform

- Expert deployment & use of AWS Cloud services
- AWS Control Tower, AWS Service Catalog, AppRegistry, etc

Governance360 - Solution Service for AWS Governance

- Automation
- Provisioning Control
- Cost Management
- Standardization
- Proactive Monitoring & Remediation

Dash ComplyOps - AWS Product Platform for Compliance

- Industry Standard & Security Compliance Management

Q&A

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Thank You

