

Wipro's Cloud Applications Risk Governance Solution

Govern your business applications before, during and after cloud migration with a structured risk-based security approach



Introduction

Today, enterprises follow several cloud migration strategies for extending or enhancing applications to target cloud platform(s). Many enterprises also have applications spread across the cloud platforms. In the cloud journey, security and application risk governance is often neglected or becomes an afterthought.

The solution

Wipro's Cloud Applications Risk
Governance (CARG) solution offers a
structured approach for application risk
assessment and recommends base security
controls needed to protect an application
based on various parameters including
regulations and compliance considerations.
The solution monitors security controls for
applications on a continuous basis and
provides a dynamic application risk view for
business and technical stakeholders.

Solution features

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Application risk profiling

Business risk

Data risk

Regional restrictions

Regulatory, standards and compliance needs

Contractual obligations

Go-no-go decision and approval from risk committee

Control gap assessment & assurance

Wipro's Cloud Control Framework (CCF)

Base controls recommendations

Controls based on regulatory and contractual requirements

Effectiveness assessment of defined security controls

Exception management

Continuous controls monitoring, governance & reporting

Near real-time view of compliance and application security posture

Dynamic view of cloud application environment risks

Application security risk governance and reporting



Solution blueprint

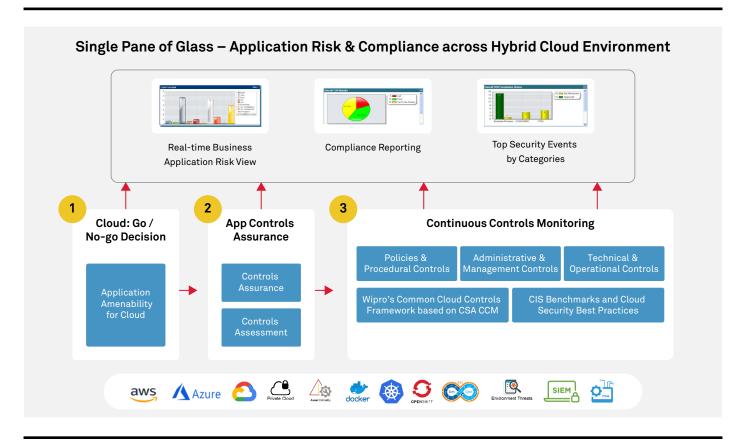


Figure 1: Cloud App Risk Governance - Continuous Controls Monitoring Framework

Solution benefits and differentiators

A solution that provides real-time cloud Provides holistic risk-based security approach for application risk posture view based on business applications hosted on cloud environment changes Covers complete lifecycle of application risk Provides a regulatory and compliance view for profiling, controls gaps assessment, and verifies each application applications against compliance requirement(s) Detects potential security issues in cloud Provides customizable application risk profiling based business application Recommends base security controls needed for Structured and configurable application application protection in the cloud based on risk calculation methodology business, compliance and regulatory requirements An application on-boarding workflow covering Third-party integration with ITSM, vulnerability application owner, business owner, risk/audit management, cloud security monitoring, VM, officer, and security officer and other platforms

- Continuous visibility into security risks and compliance of business applications hostedin cloud
- Automated recommendations for security controls for protection of business applications in cloud
- · Flexible templatized approach for contextualized and faster cloud migration



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