Wipro's Cloud Applications Risk Governance Solution

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

Today, enterprises follow multiple Cloud migration strategies for extending or enhancing applications to target Cloud platform(s). Many enterprises have applications spread across several 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** 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 continuous basis and provides a dynamic application risk view for business and technical stakeholders.

Solution features

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
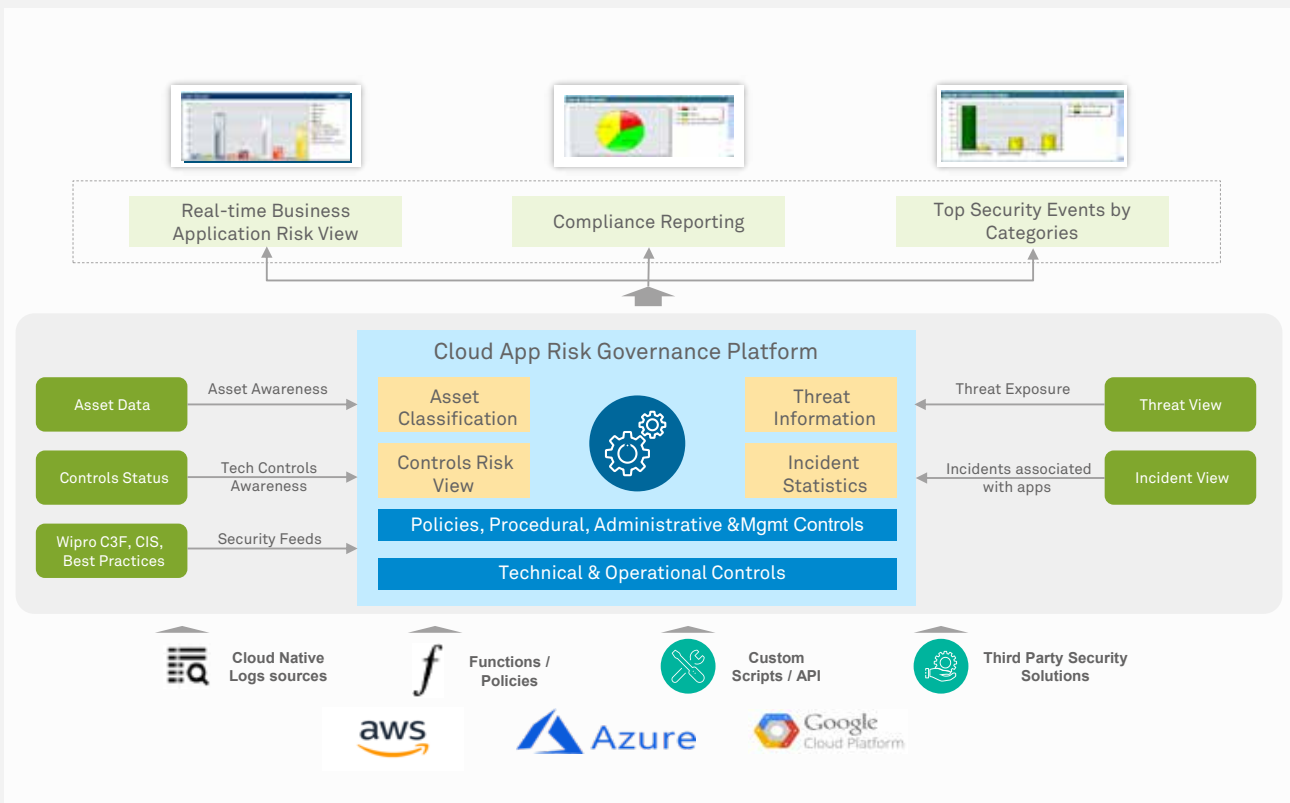
Solution blueprint

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

Solution benefits and differentiators

- Provides holistic **risk based security approach** for business applications hosted on cloud

- Covers complete lifecycle of application **risk profiling, controls gaps assessment** and **verifies applications against compliance requirement(s)**

- Provides **customizable** application risk profiling

- Recommends **base security controls** needed for application protection in Cloud based on business, compliance and regulatory requirements

- An application **on-boarding workflow** covering application owner, business owner, risk / audit officer and security officer

- A solution that provides **real-time Cloud application risk posture** view based on environment changes

- Provides **regulatory and compliance** view for each application

- **Detects potential security issues** in cloud based business application

- Structured and **configurable** application **risk calculation** methodology

- **Third party integration** with ITSM, vulnerability management, cloud security monitoring, VM and other platforms

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