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Data Sheet

Cloud Security Risk Assessment

Solution Overview

Amdocs applies the five security functions adopted from the NIST Cyber Security Framework and best practices gained from years of experience building cloud environments in highly regulated industries to improve the cyber security maturity of the organization.

Using CSA Cloud Controls Matrix (CCM) as a baseline, we will identify gaps, assess the risk posture, and make recommendations on security controls across domains such as identity and access management, data, application, and infrastructure security. The assessment is cloud-agnostic and provides a holistic security review of your cloud assets.

Our cloud consultants will evaluate your controls for every relevant cyber security category, setting prioritized recommendations that form a roadmap to meet your cyber security risk management objectives.

$600B USD

lost annually to cyber security crime, globally.

Optimize your security posture.

To give you the edge when enforcing security and managing risk, our dedicated consulting team provides a comprehensive view of your cloud domain's security.

As subject matter experts, Amdocs provides weighted recommendations for uplift, informed by comparative benchmarks against leading highly regulated peers.

Security Maturity Assessment

Cloud Environment Security Risk Assessment

The Amdocs Cloud Security Risk Assessment helps Chief Information Security Officers (CISOs), Heads of Cyber Security and Security Managers assess the effectiveness of their organization's security and governance practices in their cloud environments.

Motivation

- **Improve Security Posture**

  Strengthen your security posture with a clear roadmap and effort estimation aligned with your risk strategy

- **Trusted Advisors**

  Leverage Amdocs' deep expertise in cloud security for highly regulated industries

- **Enable Governance**

  Embed a robust cloud security culture across teams and cloud environments

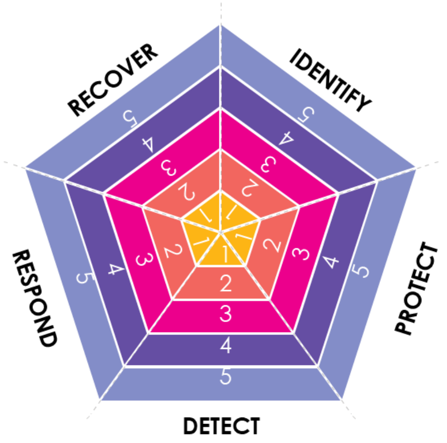
- **Build Assurance**

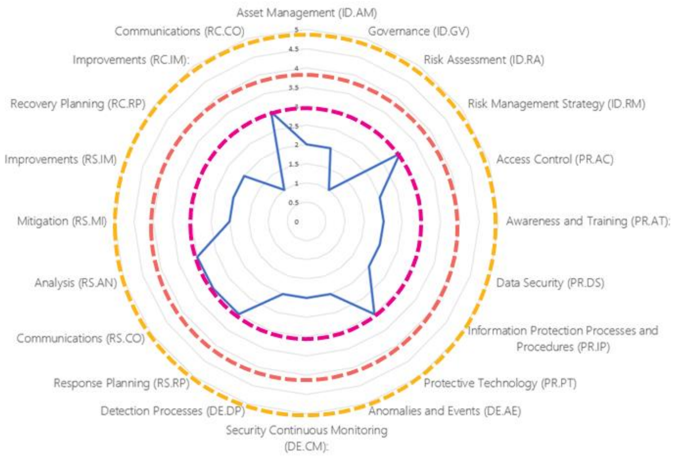
  Establish confidence in your organization's cloud security practices

- **Recover**

  Protect your organization against reputation loss, regulatory fines, and substantial business costs

Security Maturity Assessment





NIST Cyber Security Framework (CSF) Domains

1 – Regressive, 2 – Repeatable, 3 – Consistent,
4 – Measured, 5 – Optimised

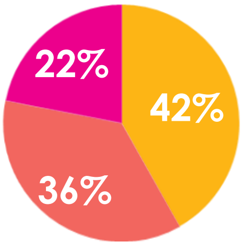
Maturity Map

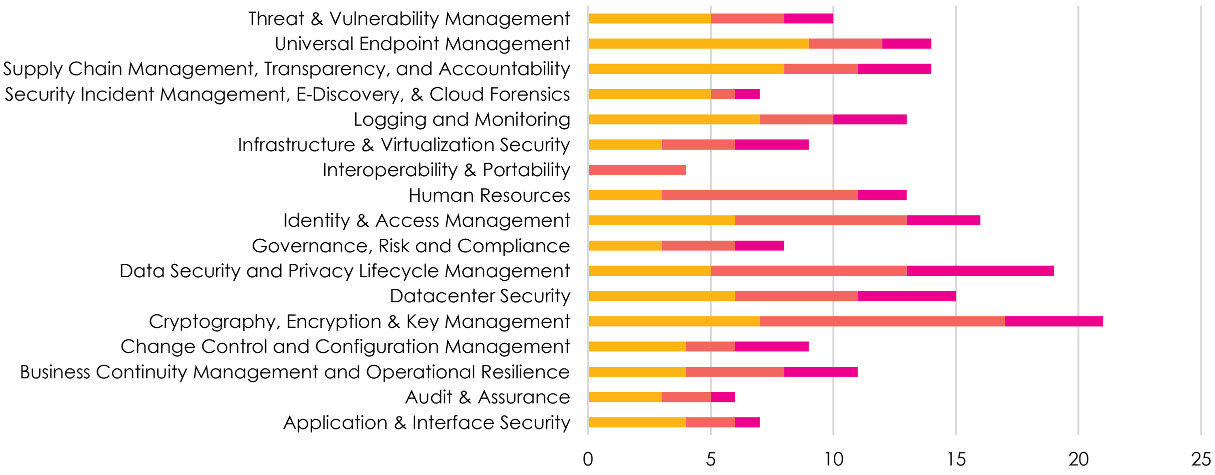
— Current Maturity ---- Measured
---- Consistent ---- Optimised

Cloud Environment Security Risk Assessment

Gap Analysis

■ No Gap
■ Partial Gap
■ Full Gap





Why Amdocs, Why Now?

Every year, the world economy loses $600B USD to cyber security crime, driven by increasingly sophisticated and well-organized adversaries. The average cost of a data breach now exceeds $4M USD, while regulatory fines for organizations not diligently protecting their clients' personally identifiable information (PII) can exceed $100M USD.

With over a decade of experience in helping highly regulated industries deliver compliance, security, and governance, we understand the technical challenges that our clients face.

Amdocs takes a holistic approach to tailor solutions that work with your business – across people, processes, culture, and tooling. Amdocs is here to help; contact us to learn more about our cloud security offerings.

Customer Benefits

- **Best-in-Class Methodology**
  Dedicated and experienced cloud consultants to assess your current maturity. A friendly and approachable team who are there to support your organization without judgement.
- **Actionable Insight**
  Presentation to your organization's key stakeholders with easily consumable content. Fully documented findings and roadmap that meets your cyber security risk management objectives. Rating against key cyber security categories.
- **Competitive Edge**
  A comparative benchmark against leading highly regulated peers. Graphical view of your current security maturity and your target maturity.

Case Studies

Fintech Company

Motivation
Our client was unsure of the security levels on their existing cloud platform. To ensure that the applications meet governance standards and recommended cloud provider practices, they asked Amdocs to conduct a security assessment across four existing applications.

Solution
With a strong focus on security, maturity, and deployment methodologies, Amdocs set out to conduct a gap analysis and security assessment across the applications. Starting with the platform assessment and a discovery session with the platform team, followed by architecture and supporting documents review to provide the gap analysis and security remediation plan.

Impact
Bringing the client up to standard with their security maturity modelling and gap analysis has encouraged success for future application migrations. Amdocs followed on the engagement by helping the client develop a new approach for application deployment to enable innovation while ensuring the security of the environment.

Telecommunications Company

Motivation
Our client is looking to mature their cloud adoption, and they wanted to set the security right on day one as they migrate critical workloads into the cloud. Amdocs was engaged to conduct a holistic review of their security approach and provide recommendations on strengthening their security posture.

Solution
Using a structured assessment approach, Amdocs set out to assess their architecture. They interviewed various teams to gather information on their operational and security requirements. The Amdocs team also reviewed existing architectures, documentation, policies, and procedures to understand the current security posture.

Impact
Taking the feedback gathered from the findings, the Amdocs team formulated a maturity map for the client, detailing their current maturity level against their desired goal. A list of recommendations was provided, along with remediation controls to improve their maturity level. Further, key findings were summarized, and the associated risks were identified and presented to the executive team.

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