# IBM Security Services for Cloud

## Protecting the hybrid multi-cloud

**Presenter's name**
Title

# Cloud has turned traditional cybersecurity on its head


of cloud security failures will be the organization's fault

**$474 Billion**

Global Cloud Revenue to Total $474 Billion in 2022*

**$3.8M**

Global average cost of a data breach


of world's stored data expected to reside in public cloud by 2025


* Source: Gartner, November 10, 2021.

## Unanticipated Acceleration to Cloud

Pandemic accelerated change and demand to allow users to access the enterprise from anywhere using any device

## Disparate Controls & Decentralized Management

New computing approaches, including Edge & multi-cloud, require robust security platforms that can deploy controls consistently & seamlessly

## Regulatory Compliance Churn & Governance

With the migration of workloads to the Cloud, Security, and compliance are top-of-mind across hybrid multi-cloud environments

## Growing Attack Surface & Threat Landscape

Growing threats, tools and data inhibit security operations across hybrid environments

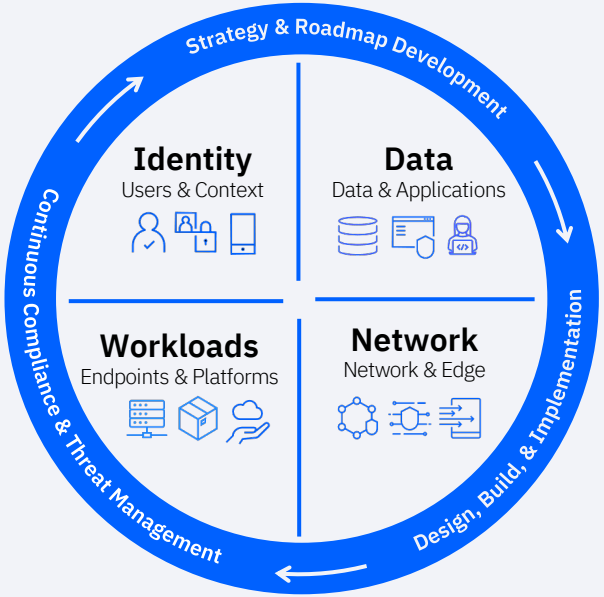
# Securing the hybrid enterprise requires a comprehensive cloud security program

**01** Defining and implementing a Cloud Security Strategy
*Comprehensive, Consistent & Zero Trust Centric*

**02** Enforcing policies to protect cloud resources

**03** Ensuring security posture & compliance needs are continually met

**04** Centralizing detection & response to threats 24x7



# IBM Security Services for Cloud Services Framework

## Services & Delivery Models

| Advisory | Integration | Managed | Retainer | Tailored |
|---|---|---|---|---|
| • Cloud Security Assessment<br>• Cloud Security Strategy | • Secure Architecture Foundations<br>• DevSecOps<br>• Cloud IAM | • Cloud Native Security Services<br>• Cloud, SaaS Posture and Workload Protection | • Secure Cloud Foundations<br>• X-Force Incident Response<br>• Post Breach Response | • Address customer specific Hybrid Cloud requirements |

**NIST CSF Alignment**

**Identify** → **Protect** → **Detect, Respond** → **Recover**

## Zero Trust for Hybrid Cloud


Identities


Data


Applications


Workloads


Networking


DevSecOps

## Hybrid Clouds Secured

aws · Microsoft Azure · Red Hat · vmware · IBM Cloud · Google Cloud

## IBM Services Platform


DIGITAL USER EXPERIENCE


COMPREHENSIVE SECURITY OPERATIONS


DATA INGESTION & ENRICHMENT


COGNITIVE ANALYTICS

# Ensure Compliance and Security Posture

## Visibility of Compliance
Current state view of multicloud security configuration and compliance posture

## Optimized Security Controls
Design and configuration of cloud security controls and remediation activities

## Maintain Compliance with Security Regulations
Steady-state monitoring and management of cloud security controls and compliance

**Cloud Security Posture Mgmt**

Defining and monitoring of security and compliance controls in your cloud environment is critical to detect and address misconfiguration risk

**Key Delivery Activities**

### Visibility of cloud assets and threats
- Validate your cloud security requirements and use cases
- Align implementation plan with your enterprise compliance obligations
- Discover and facilitate onboarding of your cloud accounts
- Review your integration requirements

### Optimized cloud security controls
- Customized configuration and optimization of your cloud security controls
- Design and implement automated remediation activities
- Integration with your IT and security technologies, and processes

### Continuous monitoring of safe configuration & compliance drift
- Continuous secure configuration management and compliance reporting
- Provide ongoing policy optimization
- Triage and response assistance to address drifts in your security posture
- Review your network and user activity for anomalous behavior

**Deliverables**

- Current state review report
- High level solution outline
- Onboard accounts to CSPM solution

- Solution Architecture and Blueprint
- Implementation close-out report
- Configured solution

- Ongoing alert triage and escalation
- Weekly review of security findings and remediation activities
- Monthly review of policy enhancements and auto-remediation activities

**1-2 Weeks** | **2-4 Weeks** | **Ongoing**

Multinational Consumer Electronics

2020

Azure, AWS, GCP

**Cloud Security Posture Management**

## The Client Challenge:

- Multiple compliance obligations to adhere to including PCI, HIPAA, and internal standards
- Expanding to a multi-cloud environment, as well as significant workloads on-premise as well
- Did not typically procure consulting or system integration support for security tooling

**The Bottom Line:**
Looking to improve visibility and telemetry for its multi-cloud environment, as well as for the growing on-premise and cloud container infrastructure

## The IBM Solution:

Showcased delivery capabilities through an enhanced proof of concept with the client

This proof of concept was a high engagement delivery over the course of 7 weeks to operationalize key aspects of the solution

IBM team provided clear and present executive alignment with the CISO, partnering with the vendor as well

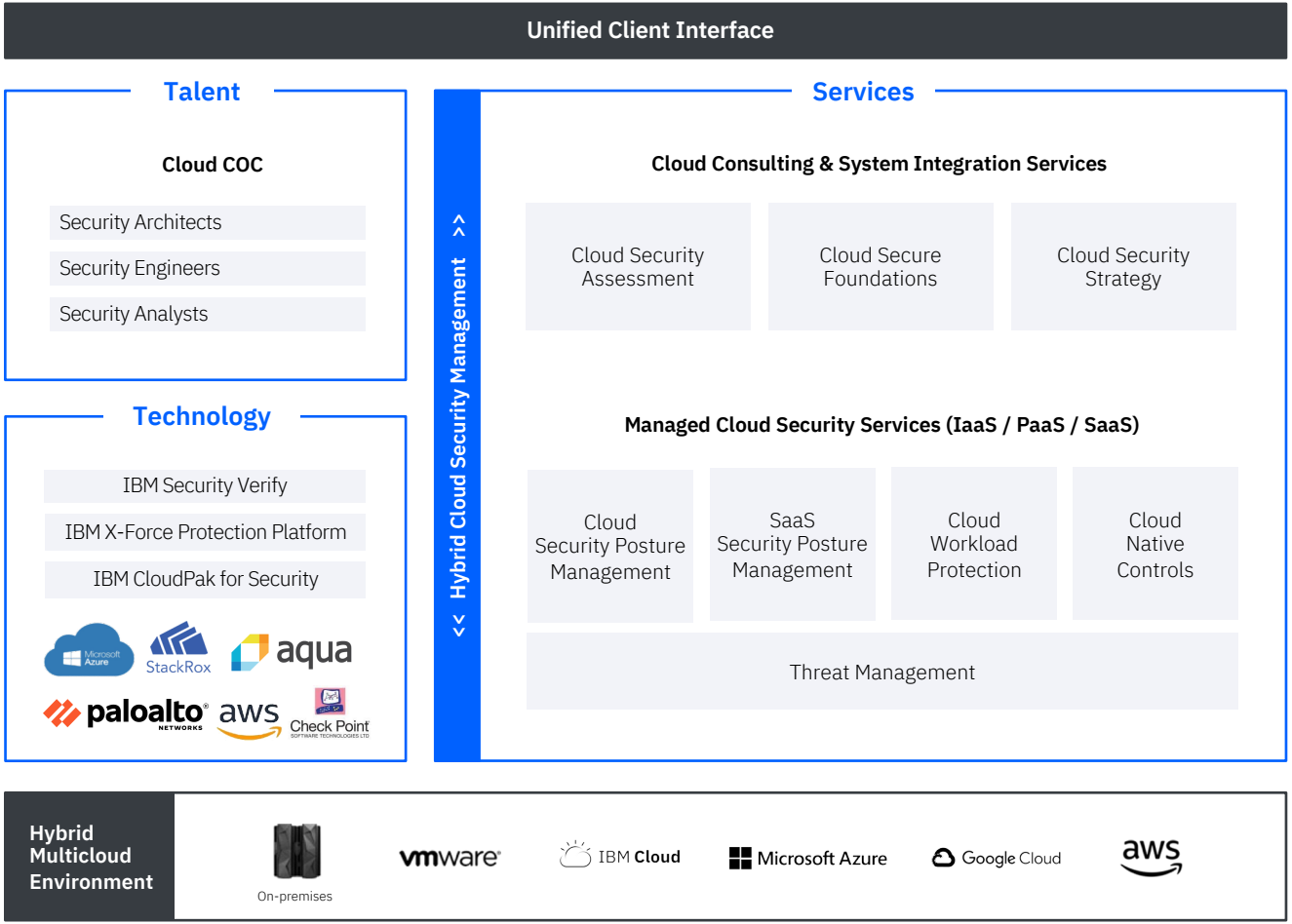
Leveraged IBM Security Research to establish a foundation of through leadership and co-innovation

Delivered implementation and managed services for ongoing steady-state operations

# Security Services delivered through a unified experience

Integrated platform + best in class tools + Real time security insights + Secure environment

- Single Interface
- Insights
- Secure Environment
- Rapid Deployment
- AI based Insights
- Automation



# Get to value faster with a strong enterprise cloud security partner

**Microsoft**
Gold
Consulting
Partner

Gold
Microsoft Partner
Microsoft

Member of
Microsoft Intelligent
Security Association
Microsoft

## Microsoft Azure Cloud certified professionals across the globe

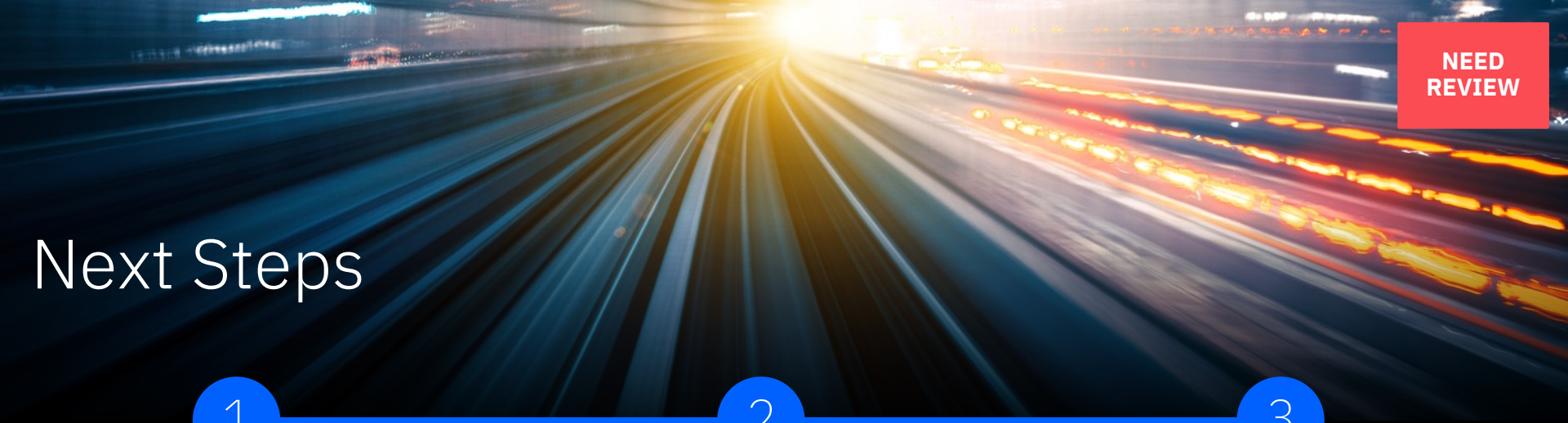
- Consulting & Systems Integration
- Managed Security Services
- Solution Design
- Product Management & Engineering

## Vendor and cloud agnostic expertise & support

- **Multi-cloud managed security services** providing centralized visibility, management, and monitoring of security operations across hybrid environments.
- Built on an ecosystem of best-of-breed security technologies, spanning **cloud-native & 3rd party.**

## Comprehensive support for hybrid multi-cloud

- Leading portfolio of **comprehensive cloud strategy & risk consulting capabilities** coupled with strong security strategy, integration & operations expertise.
- **Recognized by leading analyst firms as leader in MSSP space**. Known for deep cloud relevant innovation and comprehensive threat management services.



NEED REVIEW

# Next Steps

1

Take our free Quick Cloud Security Self-Assessment

**ibm.biz/cloud-sec-maturity**

2

Sign up for our deep-dive Rapid Cloud Security Assessment

3

Learn more about our Security Services for Cloud

**https://ibm.com/security/services/ cloud-security-services**

# Thank you

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