EPAM Azure Cloud Security Workshop

2024

EPAM's 1-Week Azure Cloud Security Workshop

Agenda

Eight Two-Hour Modules Include:

1. Introduction to Azure Governance and Security
2. Getting Control of your Azure Cloud through Governance
3. Understanding Modern Identity Challenges and Azure Native Solutions
4. Network Security and Zero Trust in Azure
5. Securing Virtual Machine, Containers, and Kubernetes in Azure
6. Ensuring Threat Monitoring, Protection, and Prevention Enforcement
7. How to Tackle Data Protection, Resilience, and Secret Challenges in Azure
8. Integrating Security into Your Organization's DevOps Process

Team Composition

Senior Azure Security Architect

Senior Azure Security Engineer

Description

The Azure Security Workshop is a remote **16-hour event** that can be delivered through eight sessions designed to be flexibly scheduled to fit into your team's busy work-week

Outcome

After the Azure Cloud Security Workshop, your team will be knowledgeable in **managing and securing Azure environments**.

Through in-depth discussions and hands-on exercises, participants gain a thorough **understanding of Azure security principles and compliance best practices**, enabling them to confidently tackle modern challenges.

Key Assumptions

- Your team will be available for the full two-hour session scheduled
- EPAM Staff will be granted read-only access to your Azure cloud environments for any hands-on reviews or demonstrations

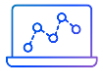
Microsoft Solutions Partner

EPAM is recognized by Microsoft for demonstrated expertise in creating and delivering innovative solutions using Microsoft technologies to help customers solve complex business challenges.

15+
YEARS OF PARTNERSHIP

Digital & App Innovation | Azure

- DevOps with GitHub
- Kubernetes on Azure
- Migrate Enterprise Apps to Microsoft Azure
- Low Code Application Development
- Build and Modernize AI Apps with Microsoft Azure



Data & AI | Azure

- Analytics
- AI and Machine Learning
- Infra and Database Migration

Infrastructure | Azure

Infra and Database Migration

Security

- Cloud Security
- Threat Protection

Business Applications

- Low Code Application Development
- Intelligent Automation

2023
MICROSOFT PARTNER OF THE YEAR

MSUS Winner for Migration on Azure

MSUS Finalist for Application Modernization

Global Finalist for Retail & Consumer Goods

EPAM Cyber Security Practice

EPAM Key Facts

10+
YEARS OF EXPERIENCE

20+
GLOBAL DELIVERY CENTERS

300+
ACTIVE PROJECTS

Our Offerings

- Cloud Security
- Application Security, Secure SDLC
- Data Security
- Security Testing
- MDRS & SOC
- Governance, Risk & Compliance

Partnerships

aws, Google Cloud, Microsoft Azure, SailPoint, Ping Identity, okta, splunk>, Akamai, HashiCorp, CYBERARK

Highlights

- Digital, application and hybrid cloud engineering heritage
- Full spectrum combining advisory and tactical services and technologies
- Continuous improvement compliance and risk management
- Wide-and-deep research-based security expertise

Experience Across Industries

- Financial Services
- Telecom, Media & Entertainment
- Consumer
- Life Sciences & Healthcare
- Travel & Hospitality
- Industrial
- Insurance
- Software & Hi-Tech

Cloud – a New Security Paradigm

Tech Landscape Evolution

Technology around us is changing rapidly. The introduction of novel technologies is mostly driven by a huge push to automation and scalable deployment of services in the industry. Cloud is a new normal.

IT Threat Evolution

Cyber attacks are becoming increasingly complex and frequent, with machine-based algorithms expected to become the primary threat actors in the future, evolving quickly, based on the massive amount of usable data, and aiming at **infrastructure and services complexity and granularity.**

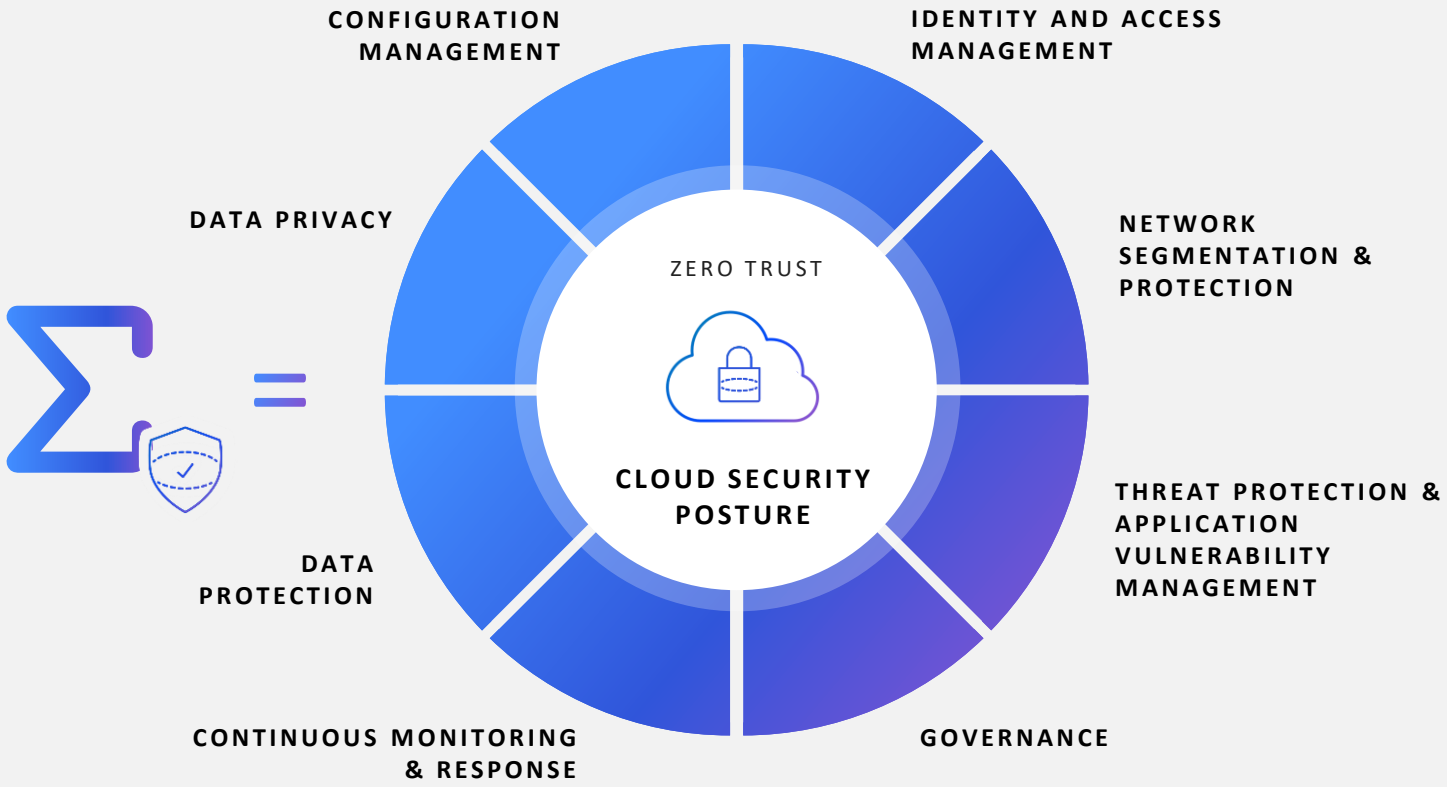
Analytical Usage Risks

Analytical data usage is growing. Analytical usage conflicts with the current security model applied on the operational systems. Data Analysts typically want to get access to all data and multiple data sets. Cloud is there to support this trend – but with this, a new risks paradigms emerge.

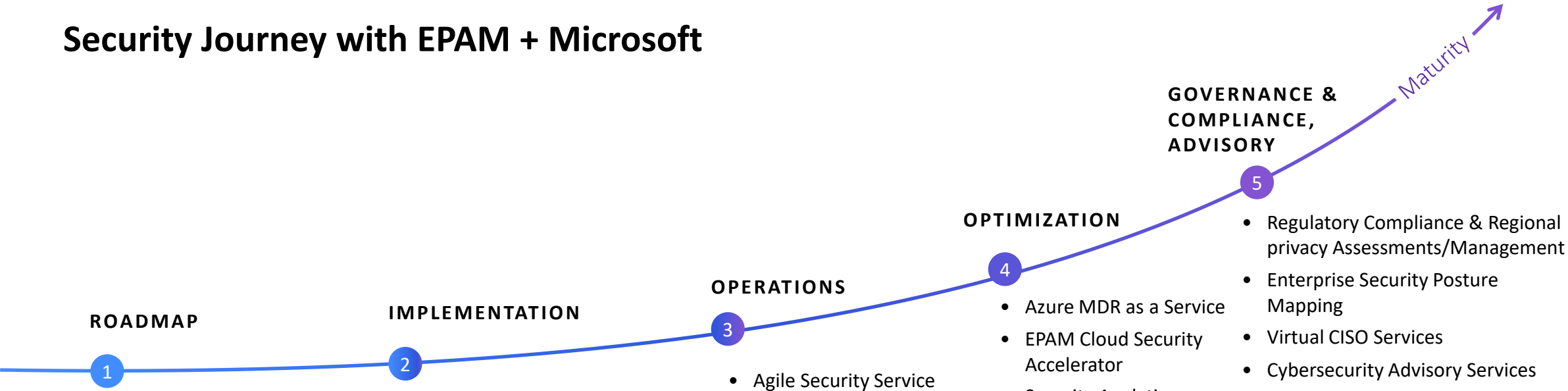
Our Approach to Cloud Security — Security by Design

Holistic approach to security and privacy in the cloud looks at the entire ecosystem of living controls from the conception to run-time.

Our Security by Design approach infuses security and privacy into Cloud DNA at every step of the way and in line with all the applicable regulatory requirements.



Security Journey with EPAM + Microsoft



Security Certification Preparation (SOC2, ISO 27001, HITRUST)

Based On

TALENT	PARTNERS	METHODS & FRAMEWORK	ACCELERATORS

epam
Engineering
the future