

Infrastructure and Development Security

Security Adoption Framework (SAF)

Topic Summary

Architecture Services

Duration: 4 Hours

Difficulty Level: 200 (Intermediate)

Description

This short engagement guides you through the key infrastructure and development security challenges and the recommended architectures, best practices, and Microsoft technology to address them.

This workshop is aligned to Microsoft's Continuous Security Development Lifecycle (Continuous SDL). The engagement provides guidance to build a teamwork-oriented DevSecOps approach to keep up with today's world of continuously evolving threats, cloud technology, and business requirements.

Security Topic Summary - 4 – Infrastructure & Development

focuses on common challenges related to

- Adapting on-premises security approaches to multi-cloud and hybrid on-premises environments
- More and higher severity security incidents resulting from development / DevOps projects skipping security
- Inconsistent security controls across multi-cloud & on-premises environments

Objectives and Outcomes

Provide clarity and direction on the people, process, and technology measures required to address common high impactful challenges including

- Reference architecture
- Culture and process imperatives
- Technologies to accelerate them
- Insights on additional deeper guidance and workshops from Microsoft

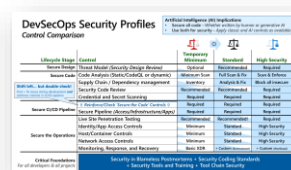
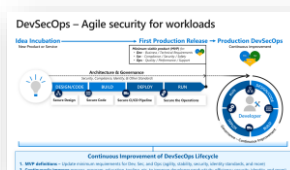
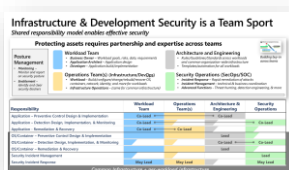
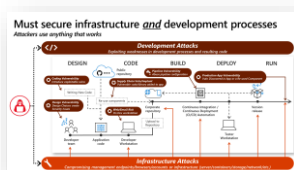
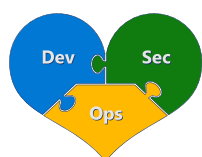
Scope

Security Topic Summary - 4 – Infrastructure & Development is part of Microsoft's overall Security Adoption Framework (SAF) that guides organizations through end to end security modernization using Zero Trust principles

This engagement provides guidance to secure both workloads/applications and the underlying infrastructure hosting them

Workshop Agenda

- Discussion of your current approach for Infrastructure & Development Security
- Review of modernization initiative Microsoft recommends
- Antipatterns (common mistakes) and best practices
- Goals, outcomes, and challenges for infrastructure and development security
- Security is a Team Sport – Summary of key cross-team processes and responsibilities
- Planning Guidance for Infrastructure and Development Security including:
 - Reference information on Microsoft's cloud Migration (optional)
 - Process models for securing Cloud and DevOps
 - Recommended Security Controls and how to map them to application sensitivity levels
 - Reference architecture for infrastructure security
- Planning Next Steps



For more information: Please contact your Microsoft Representative for more details.