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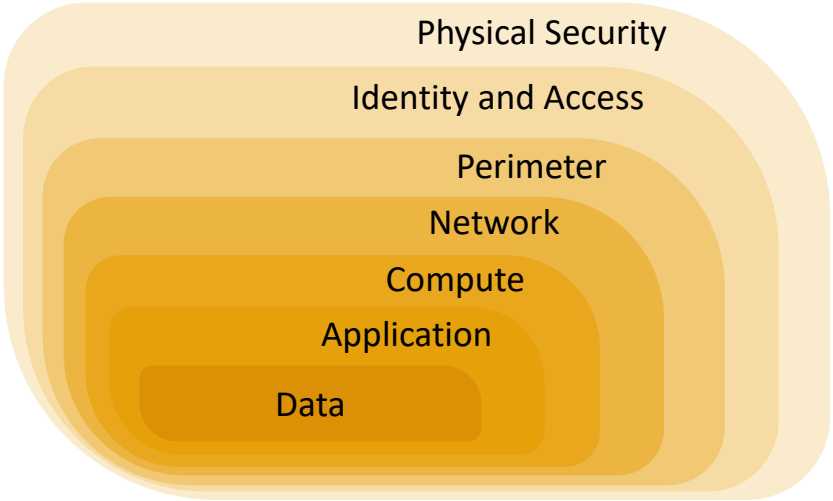
ATCSL

Manage Identity and Access in Azure AD – Part 1

Understanding Security, Responsibility, and Trust in Azure

- Layered Approach to Security
- Utilizing Azure Security Center
- Working with Identity and Access
- Understanding Data Encryption
- App Lifecycle Management Security

Layered Approach to Security



Azure Security Center

- Tips you with security recommendations
- Monitors security settings across workloads
- Monitors services
- Detects malware and blocks it from intruding
- Investigate threats and identify potential vulnerabilities
- Allowing Just-in-Time access control for resources

Azure Active Directory

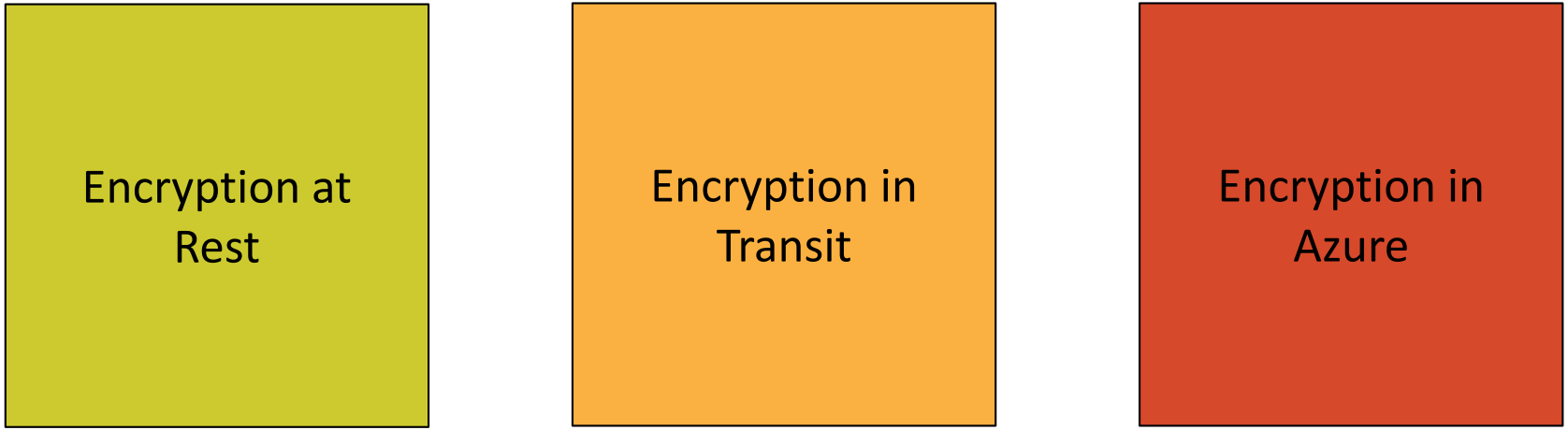
- Authentication of the resources
- Single-Sign-On
- Application Management
- B2B identity services
- B2C identity services
- Device management

Understanding Data Encryption

Symmetric Encryption

Asymmetric Encryption

Understanding Data Encryption



App Lifecycle Management Security

Educate Team

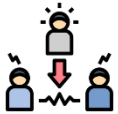
Define Security Requirements

Metrics/Compliance Reporting

Threat Modeling

Establish Design Requirement

Define and Use Cryptography Standards



Monitor and Manage Risks From Third Party Components

Only Use Approved Tools

Security Testing

- Static Analysis Security Testing
- Dynamic Analysis Security Testing
- Penetration Testing

Define Standard Response Process

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Summary

Microsoft Azure

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- App Lifecycle Management Security

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