

with Azure and .NET



# **Security Serverless**

Strategies and Best Practices







### **Security Considerations**

Unique Security
Challenges

Shared
Responsibility
Model







### **Common Security Threats**

**Injection Attacks** 

**Broken Authentication** 

**Insecure Dependencies** 

Data Exposure







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## **Security Best Practices**

Dependency Management

**Code Security** 

Least Privilege Principle







### **Network Security**

**Encryption** 

**API Gateway Security** 

**Virtual Private Cloud** 







### Monitoring and Logging

**Continuous Monitoring** 

**Centralized Logging** 

Alerting







#### Compliance and Governance

**Compliance Standards** 

**Auditing** 







#### Incident Response

**Preparedness** 

**Automation** 

**Post-Incident Analysis** 







#### **Azure Services and Best Practices**

**Key Vault** 

**Security Center** 

Entra / RBAC

Network Security







#### Conclusion

- Security Considerations
- Common Security Threats
- Security Best Practices
- Network Security
- Monitoring and Logging
- Compliance and Governance
- Incident Response
- Azure-Specific Services and Best Practices







# Monitoring and Troubleshooting Serverless Applications

Strategies for Effective Serverless Monitoring



