



ADDITIONAL TOPICS

**Design and Develop a
Serverless Event-Driven
Microservice-Based Solution**



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

Entra / RBAC

Security Center

**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