



### OVERVIEW

Microsoft Azure Security and Compliance services helps organizations discover and govern Azure and O365 usage, securely enable cloud services, and enforce security and compliance policies.



### SERVICES OFFERING

- 1 Assessments**  
(6-8 weeks for medium size deployment)
  - Application Architecture and DevOps
  - Azure Infrastructure Security
  - O365 Security
  - Compliance Audit Preparation & Gap Analysis

- 2 Product Subscription**  
(Monthly)
  - Continuous Monitoring for Security and Compliance
  - Frequent Product Updates, new policies, new Industry benchmarks
  - Enterprise Support

- 3 Product Implementation**  
(1-2 weeks for medium size deployment)
  - Walkthrough of Secure and Compliant Reference Architectures
  - Product Installation
  - Security & Compliance Training Workshop

- 4 Managed Services**  
(Monthly)
  - Monitoring for deviations
  - Custom development
  - Penetration testing
  - Compliance audit preparation



### BENEFITS

Chief Information Security Officer



- Is my cloud environment secure?
- How do I automate generation of required reports for Auditors?
- What should be done to make Security & Compliance as a differentiator vs. a roadblock?

DevSecOps



- Can I quickly identify security & compliance issues in the compressed CI/CD schedules?
- Are configurations compliant with my Organization standards?
- How do I do this over and over again?

## Architecture & DevOps Assessment

Assess Architecture best-practices, Scale, and Manageability and DevOps processes, tools, and culture

<b>Application Architecture &amp; Design</b>	Application Design, Use of cloud computing resources, Networking, Authentication, Manageability, BCP & DR, Financial Governance
<b>Source Control</b>	Version Controls, Code repository Management; Trackability
<b>Build &amp; Deployment</b>	Automation and Self Services, Source control, Build and Commit; Artifact management; Distributed Build and Source Code Controls, Continuous Process
<b>Testing &amp; QA</b>	Automatic, Code Coverage, Ticketing, Monitoring and Alerts, Security Tests in target environment
<b>Visibility</b>	Reports and notification process for build, automatization practices, Tracking and Reports for project trending, stakeholder dashboards and cross team data mining and analysis

## Azure Infrastructure Security Assessment

Understand your current security posture across security triad of Confidentiality, Integrity and Availability helping your team build Security best practices (DevSecOps)

<b>Network</b>	NSGs, Application Gateways, Web Application Firewalls, Flow logs
<b>Data</b>	Data-at-rest: Storage accounts, SQL DB, SQL DW Data-in-transit: SSL/TLS, Secure headers
<b>Identity</b>	IAM / RBAC usage, Multi-factor Authentication, Password Management
<b>Compute</b>	IaaS VMs, App Services, End-point protection, Disk Encryption, Key Management, Patch Management, Vulnerability Assessments
<b>Operations</b>	OMS, Azure Monitor, Logging & Auditing, Monitoring, Threat Detection, Azure Security Center
<b>BCP &amp; Backups</b>	Secure Backups, Data retention policies, Geo-replication
<b>Availability</b>	Manage Availability threats/SLAs

## Office 365 Security Assessment

Get Insights and Guidance into your security posture across O365 services (Azure AD, SharePoint, OneDrive for Business, IP protection)

<b>Account</b>	Multi-factor authentications, Failed and Geo Signs, Inactive accounts, Account policies
<b>Data</b>	Data loss Prevention, Auditing, Customer lockboxes, Anonymous access
<b>Devices</b>	Enabling MDM, Device Encryption, Password policies

## Audit Preparation & Compliance Assessment

Baseline evidence for one or more cybersecurity and compliance benchmarks



NIST SP 800-53  
Revision 4:

## Security and Compliance Managed Services

Complement the strengths of your Organization in Continuous Monitoring ,Audit Preparation and Reporting on an on-going basis

<b>Audit Participation</b>	Help you prepare reports and work on your behalf with your Auditor.	<b>Continuous Monitoring</b>	Continuous Security & Compliance Monitoring
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# Why Avyan and Cloudneeti ?

Organizations and Government agencies leveraging Azure cloud platform are trying to grasp the complexity associated with cloud. They are stressed about governance and compliance of extraordinarily complex systems and the demand for security protections that can anticipate threats against cybersecurity attacks.

Avyan Consulting and its ISV business unit Cloudneeti, are dedicated to enable Customers for an easy, effective and efficient transformation to automated security and compliance monitoring for Azure infrastructure and O365 configurations providing key insights into the security & compliance posture.



Avyan

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Microsoft  
Partner


AZURE PARTNER

Microsoft

## REFERENCES

- [www.avyanconsulting.com](http://www.avyanconsulting.com)
- [Microsoft Azure Partner](#)
- [Azure Ref Architecture - Payment Card Solution](#)

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## REFERENCES

- [www.cloudneeti.com](http://www.cloudneeti.com)
- [Deploy from Azure Marketplace](#)

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[sales@cloudneeti.com](mailto:sales@cloudneeti.com)

