3 weeks

Cloud Workload Cybersecurity Assessment

Baseline your Cloud Security Posture

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

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Microsoft Azure

Cloud Workload Cybersecurity Assessment

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BENEFITS OF ASSESSMENTS

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?

IT DevSecOps

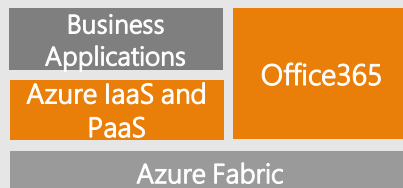Can I quickly identify security & compliance issues in the compressed CI/CD schedules?

Are configurations compliant with my Organization standards?

How do stay secure and compliant?

TYPICAL DELIVERY PLAN

GENERAL TIMELINES

1st week	2nd week	3rd week

Interviews and Onboarding

Automated Security Assessment

Overall Recommendation Report

SCOPE AND COVERAGE

Covers primary Microsoft Azure and Office365 services

- Business Applications
- Azure IaaS and PaaS
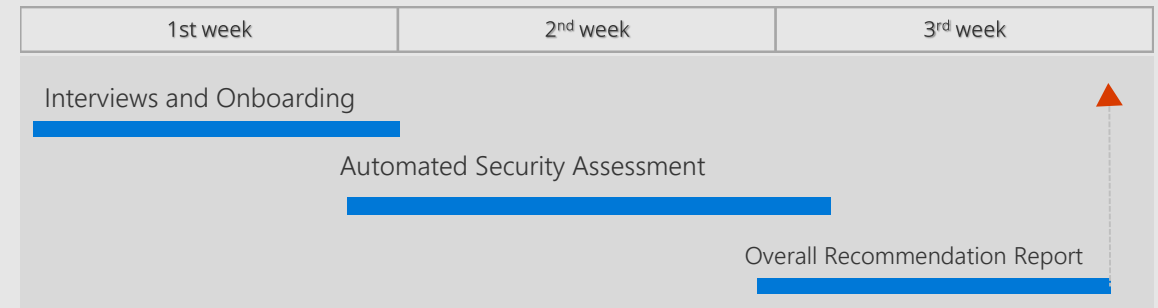- Office365
- Azure Fabric

AZURE INFRASTRUCTURE & O365 SECURITY ASSESSMENT

- Understand your current security posture for Azure Workload and O365 security configurations.
- Kickstart automated DevSecOps best practices

KICKOFF → AUTOMATED ASSESSMENT → RECOMMENDATIONS → INTERVIEWS

OUR APPROACH

Deliverables

Azure Infrastructure Security Assessment Report

Baseline report to help understand your current security posture across security triad of Confidentiality, Integrity and Availability helping your team build Security best practices (DevSecOps)

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

O365 Security Assessment Report

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

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

Sample Report Content

Table Of Contents

Overall Azure Resources Dashboard

Summary Observations on Azure Subscription Id:
XXXXXX-XXXXXX.

15 Of 27 — Fundamentals	
4 Of 12 — Identity and Access	
0 Of 15 — Logging and Auditing	
1 Of 12 — Networking	
0 Of 2 — Data in Transit	
0 Of 5 — Data Analytics	
3 Of 36 — Storage and Databases	
4 Of 5 — Business continuity and DR	
2 Of 21 — Compute	

3 Of 11 — Account
5 Of 18 — Data
2 Of 13 — Device
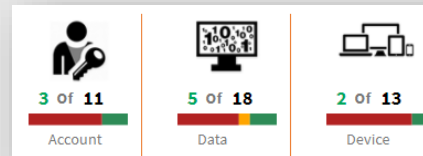
How to read the numbers;
- First number indicates number of policies which meets security best practices
- And second number indicates total number of policies applied to the category.

What do the status colors indicate?

Color	Risk	Action
Red	High Risk - Misconfiguration exists for your Azure workloads	Action: Great potential risk to your business assets and should be examined as soon as possible
Amber	Medium Risk - Partial Configuration exists for your Azure workloads	Action: Potential risk to your business assets and should be examined as soon as possible
Green	No Risk - Minimum Configuration exists for your Azure workloads	Action: Continuous Monitoring recommended
Grey	No Azure workload/resources found	Action: NA

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References

A Microsoft Azure Blueprint Premier Partner

❖ Avyan Corp, the parent Organization of Cloudneeti is a Premier Solution Development Partner to the Microsoft Azure Blueprint Program and have jointly shipped

Azure PCI Blueprint | Azure Financial Services Blueprint | Azure Healthcare Blueprint

❖ Cloudneeti is the Validation Engine for Azure Blueprints

Azure PCI Blueprint Validation | Azure Financial Services Blueprint Validation | Azure Healthcare Blueprint Validation

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