infiniti
AN INTERVISION COMPANY

Infiniti's Security Assessment NIST

Fortify your IT Security Strategy

The Importance of NIST

Given the importance of security and privacy safeguards for systems, organizations, and individuals, the National Institute of Standards and Technology (NIST) provides the most robust security and privacy standards as well as a unified approach for protecting all types of information.

INFINITI'S THREE-STEP PROCESS

1 *SECURITY ASSESSMENT*

Using the National Institute of Standards and Technology's (NIST) Special Publication 800-171 Rev. 1 as the basis for the assessment, Infiniti collaborates with CSO's, ISO's, and key information technology staff to determine the current state of your organization's security policies and procedures.

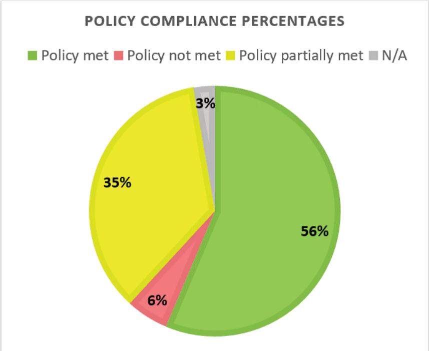
Based on initial assessment, a draft Security Plan is submitted outlining the organizational policies, processes, standards and employee expectations as they relate to safeguarding Personally Identifiable Information (PII) and IT assets.

2 *GAP ANALYSIS*

Utilizing the draft Security Plan as a baseline, Infiniti conducts a Gap Analysis focused on your organization's compliance to all 110 NIST controls, which are divided into 14 control families, and determines whether the policies are currently met, not met, partially met, or not applicable. The findings of the Gap Analysis provide the basis for a Corrective Action Plan, specifying the actions the organization needs to take in order to remediate the policies that need to be improved upon, or to implement policies where there is a security gap.

SAMPLE NIST COMPLIANCE SUMMARY

Policy Compliance	
Policy Met	62
Partially met / Needs improvement	39
Policy not met	6
N/A	3
Total	**110**



3 *CORRECTIVE ACTION PLAN*

Infiniti assists your organization with it's corrective actions in order to be fully compliant with all NIST standards. Upon completion of the corrective action plan (CAP), a revised and final Security Plan is submitted which goes into effect at the discretion of your organization's management.

INFINITI'S SECURITY PARTNERS

aws | splunk> | paloalto NETWORKS | Azure

infiniti
AN INTERVISION COMPANY

Infiniti's Security Assessment NIST

CAP EXAMPLE FINDINGS

Control Number	3.13.16
Control Text	Protect the confidentiality of PII at rest.
Requirement	Outline controls used to product PII while stored in organizational information systems.
Policy Compliance	**Policy met.** No PII is currently stored on-site. In AWS the organizations uses encrypted elastic block storage.

Control Number	3.5.6
Control Text	Disable identifiers after a defined period of inactivity.
Requirement	User accounts or identifiers associated with a project or contract covered by NIST 800-171 are monitored for inactivity. Account access to the in-scope systems after 90/180/365 days of inactivity.
Policy Compliance	**Partially met / needs improvement.** The organization does htis on an ad-hoc basis, but is not automated. Active Directory is automated, but key rotations must be implemented on EC2 instances.

Control Number	3.6.3
Control Text	Test the organizational incident response capability.
Requirement	Develop an institutional incident response policy; specifically outline requirements for regular testing and reviews/ improvements to incident response capabilities.
Policy Compliance	**Not met.** The organization has not tested their incident response capability. Destop exercises must be conducted for efficiency and effectiveness.

NIST COMPLIANCE SORTED BY NIST CONTROL FAMILY

Access Control	Awareness & Training	Audit & Accountability	Configuration Management	Identification & Authentication	Incident Response	Maintenance	Media Protection	Personnel Security	Physical Protection	Risk Assessment	Security Assessment	System & Comms Protection	System & Info Integrity
3.1.1	3.2.1	3.3.1	3.4.1	3.5.1	3.6.1	3.7.1	3.8.1	3.9.1	3.10.1	3.11.1	3.12.1	3.13.1	3.14.1
3.1.2	3.2.2	3.3.2	3.4.2	3.5.2	3.6.2	3.7.2	3.8.2	3.9.2	3.10.2	3.11.2	3.12.2	3.13.2	3.14.2
3.1.3	3.2.3	3.3.3	3.4.3	3.5.3	3.6.3	3.7.3	3.8.3		3.10.3	3.11.3	3.12.3	3.13.3	3.14.3
3.1.4		3.3.4	3.4.4	3.5.4		3.7.4	3.8.4		3.10.4		3.12.4	3.13.4	3.14.4
3.1.5		3.3.5	3.4.5	3.5.5		3.7.5	3.8.5		3.10.5			3.13.5	3.14.5
3.1.6		3.3.6	3.4.6	3.5.6		3.7.6	3.8.6		3.10.6			3.13.6	3.14.6
3.1.7		3.3.7	3.4.7	3.5.7			3.8.7					3.13.7	3.14.7
3.1.8		3.3.8	3.4.8	3.5.8			3.8.8					3.13.8	
3.1.9		3.3.9	3.4.9	3.5.9			3.8.9					3.13.9	
3.1.10				3.5.10								3.13.10	
3.1.11				3.5.11								3.13.11	
3.1.12												3.13.12	
3.1.13												3.13.13	
3.1.14												3.13.14	
3.1.15												3.13.15	
3.1.16												3.13.16	
3.1.17													
3.1.18													
3.1.19													
3.1.20													
3.1.21													
3.1.22													

NIST COMPLIANCE SORTED BY NIST POLICY COMPLIANCE STATUS

Policy Met			Partially met / Needs improvement		Policy Not Met	N/A
3.1.2	3.5.5	3.10.3	3.1.1	3.5.10	3.1.9	3.1.18
3.1.3	3.5.7	3.10.4	3.1.5	3.6.1	3.3.4	3.1.19
3.1.4	3.5.8	3.10.5	3.1.6	3.7.1	3.3.5	3.10.6
3.1.13	3.5.9	3.11.3	3.1.7	3.7.2	3.4.8	
3.1.14	3.5.11	3.12.1	3.1.8	3.7.5	3.6.3	
3.1.15	3.6.2	3.13.1	3.1.10	3.9.1	3.13.13	
3.1.16	3.7.3	3.13.2	3.1.11	3.11.1		
3.1.17	3.7.4	3.13.3	3.1.12	3.11.2		
3.1.21	3.7.6	3.13.5	3.1.20	3.12.2		
3.1.22	3.8.1	3.13.6	3.2.2	3.12.3		
3.2.1	3.8.2	3.13.8	3.2.3	3.12.4		
3.3.2	3.8.3	3.13.11	3.3.1	3.13.4		
3.3.6	3.8.4	3.13.12	3.3.3	3.13.7		
3.3.7	3.8.5	3.13.14	3.4.1	3.13.9		
3.3.8	3.8.6	3.13.15	3.4.2	3.13.10		
3.3.9	3.8.7	3.13.16	3.4.4	3.14.1		
3.4.3	3.8.8	3.14.2	3.5.1	3.14.4		
3.4.5	3.8.9	3.14.3	3.5.2	3.14.7		
3.4.6	3.9.2	3.14.5	3.5.3			
3.4.7	3.10.1	3.14.6	3.5.4			
3.4.9	3.10.2		3.5.6			

SAMPLE CLIENT REFERENCES

TECHNOLOGY CENTER
CALIFORNIA COMMUNITY COLLEGES

CSU The California State University

MiraCosta College

California Community Colleges

Ventura County Community College District
Moorpark • Oxnard • Ventura

Pasadena City College

Contra Costa Community College District
pathways to success