

NIST CSF Gap Assessment

NIST Cybersecurity Framework is a voluntary framework standard that assists all businesses with an outline of best practices to better understand, manage, and protect your organization's networks and data. Though it is a voluntary framework, it is mandatory for federal agencies and necessary for companies conducting business with the government as a contractor, partner, or vendor to comply with the standards. The NIST CSF improves cybersecurity risk management and critical infrastructure cybersecurity by providing a comprehensive view of the life cycle for managing cybersecurity risk over a period of time using five key functions - identify, protect, detect, respond, and recover. NIST CSF can conform to the organization in line with specific business practices by determining activities that are important to critical business services. Many variables influence the effort required to prepare a system for audit and authorization. HanaByte can automate and implement compliance services and is able to conduct a NIST CSF assessment tailored to your organization prior to submission to an official third party audit.



Scope

- ✓ Assessment of your existing services and its control implementations, infrastructure, detection and response policies, recovery procedures, and relevant documentation in order to perform a gap analysis to the NIST CSF
- ✓ Creation of a report with a detailed roadmap of efforts in regards to people, processes, and technology with recommendations for all unmet requirements

Deliverables

- ✓ Detailed readiness assessment includes review of your environment, information security policies, procedures, personnel, and controls
- ✓ Remediation plan with detailed steps to resolve gaps within a feasible timeline and regular meetings to track progress



Personnel

- ✓ Security Consultant(s), billed 5 days full-days per week for the engagement
- Expected full NIST CSF launch turnaround time of engagement to be 4-6 weeks depending on organization size and infrastructure

Customer Responsibilities

Provide access to related documentation and in-scope systems

Our Services



Cloud Strategy & Workshops

Let your best friend in security work with you to develop and execute a robust cloud security strategy. We also offer expert-led interactive workshops to develop security best practices.



Security & Compliance Assessments

Our experts will evaluate your organization's security controls and procedures against industry standards, providing a detailed readiness report and actionable recommendations to achieve your security and compliance goals.



Cloud Migrations & Modernization

We ensure a secure cloud migration/modernization of your applications, data, and infrastructure. Our experts will provide guidance and support throughout the entire process, from planning and execution to post-migration optimization.



DevOps & Security Engineering

Our DevSecOps experts are ready to assist with maturing a software development lifecycle, creating cloud automation, and performing tool integrations to foster secure engineering practices. We specialize in CI/CD, containers, and infrastructure as code.



Application & API Security

Our services provide end-to-end protection for your applications and APIs. Our experts will work with you to implement best practices and the latest technologies to keep your data and systems secure from development to deployment.



Vulnerability Management & Penetration Testing

Our experts use the latest tactics, techniques, and procedures to perform comprehensive security assessments. We go beyond automated tooling to simulate real-world attacks, providing an in-depth analysis of your security posture.

About HanaByte

We are a team of skilled, empathetic individuals with a passion for cybersecurity. We believe in creating a safe and secure online environment for everyone, and we're committed to the pursuit of that goal.

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