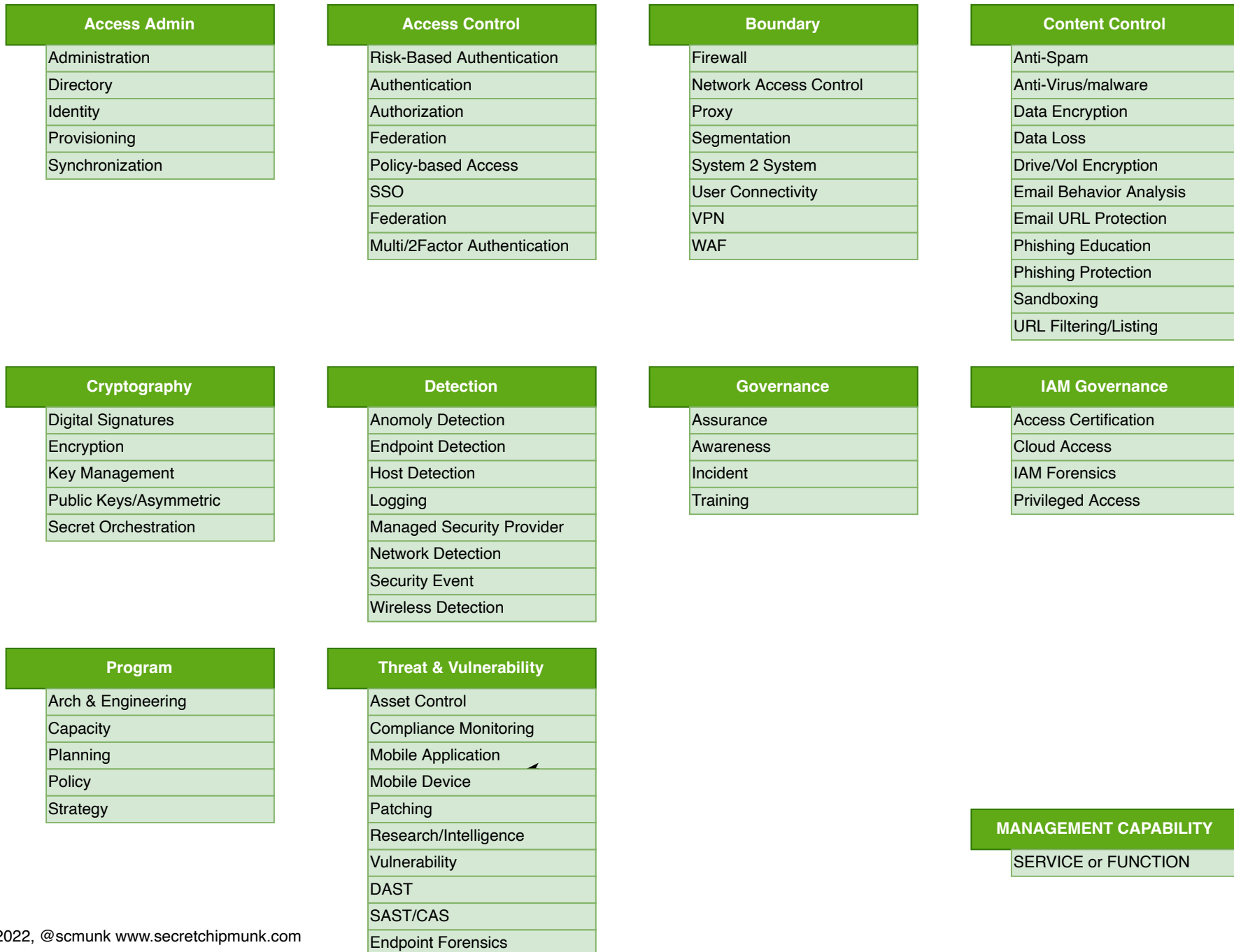


InfoSec Capability Model



InfoSec Capability Model

Access Admin
Administration
Directory
Identity
Provisioning
Synchronization

Access Control
Risk-Based Authentication
Authentication
Authorization
Federation
Policy-based Access
SSO
Federation
Multi/2Factor Authentication

Boundary
Firewall
Network Access Control
Proxy
Segmentation
System 2 System
User Connectivity
VPN
WAF

Content Control
Anti-Spam
Anti-Virus/malware
Data Encryption
Data Loss
Drive/Vol Encryption
Email Behavior Analysis
Email URL Protection
Phishing Education
Phishing Protection
Sandboxing
URL Filtering/Listing

Cryptography
Digital Signatures
Encryption
Key Management
Public Keys/Asymmetric
Secret Orchestration

Detection
Anomoly Detection
Endpoint Detection
Host Detection
Logging
Managed Security Provider
Network Detection
Security Event
Wireless Detection

Governance
Assurance
Awareness
Incident
Training

IAM Governance
Access Certification
Cloud Access
IAM Forensics
Privileged Access

Program
Arch & Engineering
Capacity
Planning
Policy
Strategy

Threat & Vulnerability
Asset Control
Compliance Monitoring
Mobile Application
Mobile Device
Patching
Research/Intelligence
Vulnerability
DAST
SAST/CAS

- Below baseline
- B Baseline
- + Above baseline
- N Not applicable

MANAGEMENT CAPABILITY
SERVICE or FUNCTION

Capability Mapping to the CyberSecurity Framework

Access Admin	
Administration	
Directory	
Identity	
Provisioning	
Synchronization	

Access Control	
Risk-Based Authentication	PR
Authentication	PR
Authorization	PR
Federation	PR
Policy-based Access	PR
SSO	PR
Federation	PR
Multi/2Factor Authentication	PR

Boundary	
Firewall	PR
Network Access Control	PR
Proxy	DE PR
Segmentation	PR
System 2 System	PR
User Connectivity	PR
VPN	PR
WAF	PR

Content Control	
Anti-Spam	PR
Anti-Virus/malware	PR
Data Encryption	PR
Data Loss	DE ID PR
Drive/Vol Encryption	PR
Email Behavior Anal	DE PR
Email URL Protection	PR
Phishing Education	PR
Phishing Protection	PR
Sandboxing	DE PR
URL Filtering/Listing	DE PR

Cryptography	
Digital Signatures	PR
Encryption	PR
Key Management	PR
Public Keys/Asymmetric	PR
Secret Orchestration	PR

Detection	
Anomoly Detection	DE
Endpoint Detection	DE
Host Detection	DE
Logging	DE
Managed Security Provide	DE
Network Detection	DE
Security Event	DE
Wireless Detection	DE

Governance	
Assurance	PR
Awareness	PR
Incident	RE RS
Training	PR

IAM Governance	
Access Certification	PR
Cloud Access	PR
IAM Forensics	RS
Privileged Access	PR

Program	
Arch & Engineering	
Capacity	
Planning	
Policy	
Strategy	

Threat & Vulnerability	
Asset Control	ID
Compliance Monitoring	PR
Mobile Application	PR ID
Mobile Device	PR ID
Patching	PR
Research/Intelligence	ID
Vulnerability	DE PR ID
DAST	ID
SAST/CAS	ID
Endpoint Forensics	RS

CSF 1.1 Functions	
ID	Identify
PR	Protect
DE	Detect
RS	Respond
RE	Recover

MANAGEMENT CAPABILITY	
SERVICE or FUNCTION	

InfoSec Capability Model

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