

# NIST SP 800-171 R2 GAP ASSESSMENT

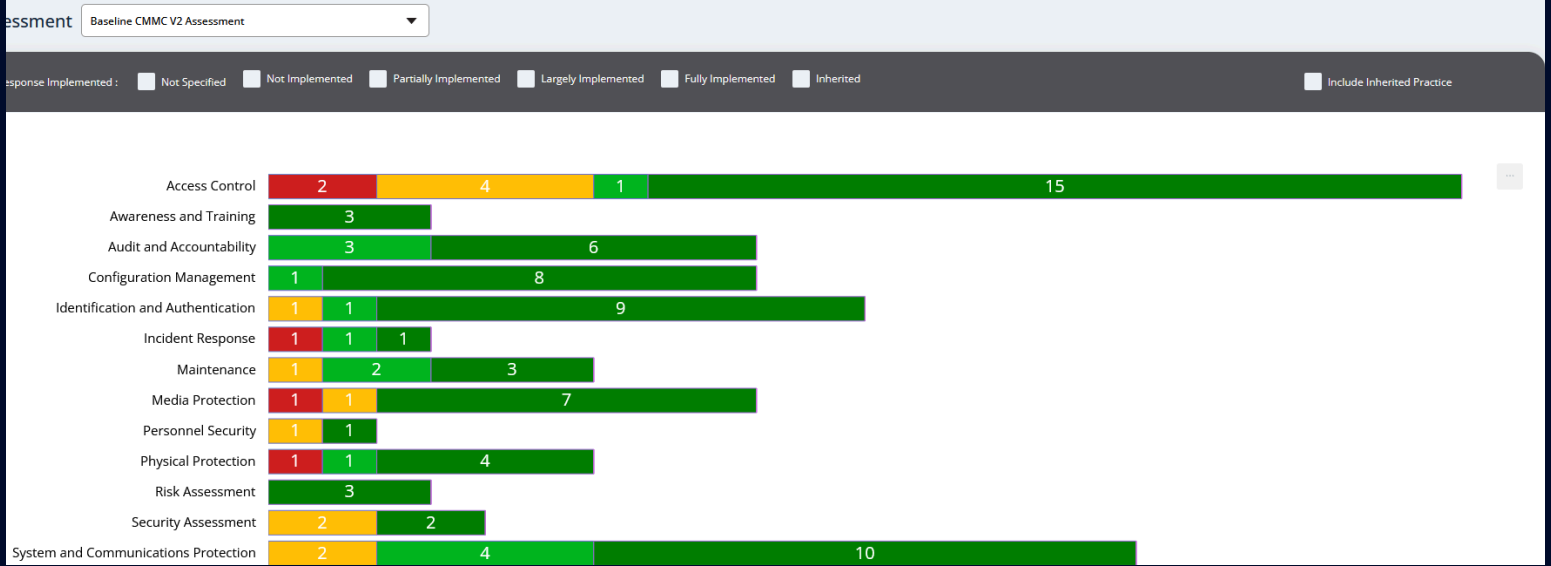
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VERIFY PRACTICES THAT MEET ASSESSMENT OBJECTIVES  
AND IDENTIFY COMPLIANCE GAPS.

GET A CUSTOMIZED READINESS ROADMAP TO CLOSE  
GAPS IN COMPLIANCE.

STRUCTURE DOCUMENTATION FOR EASE OF  
ASSESSMENT.





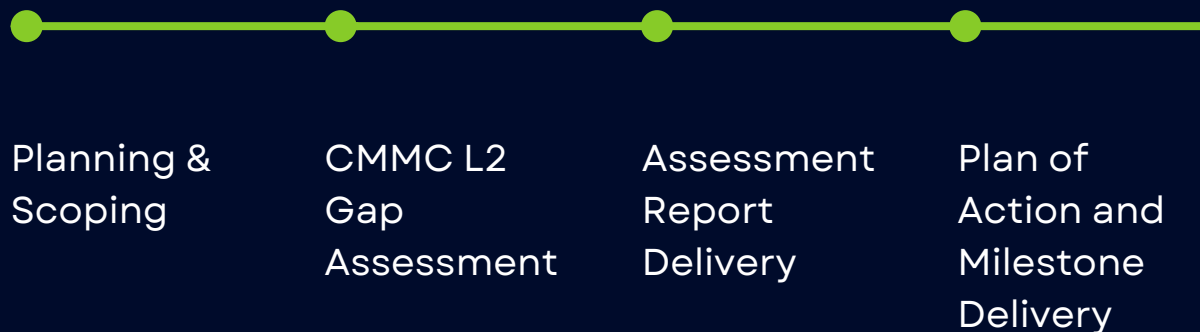
# The Engagement

This virtual engagement lasts 8 weeks and includes roughly 12 working sessions, each lasting 90 minutes. Stakeholders should expect to commit 2-3 hours per week to the engagement.

# Approach

We will assess current cybersecurity practices and guide you through identifying and remediating gaps, ensuring that all evidence and artifacts generated during the engagement meet the “sufficiency” and “adequacy” requirements for assessment objectives.

Here’s how the process unfolds:



## PLANNING & SCOPING

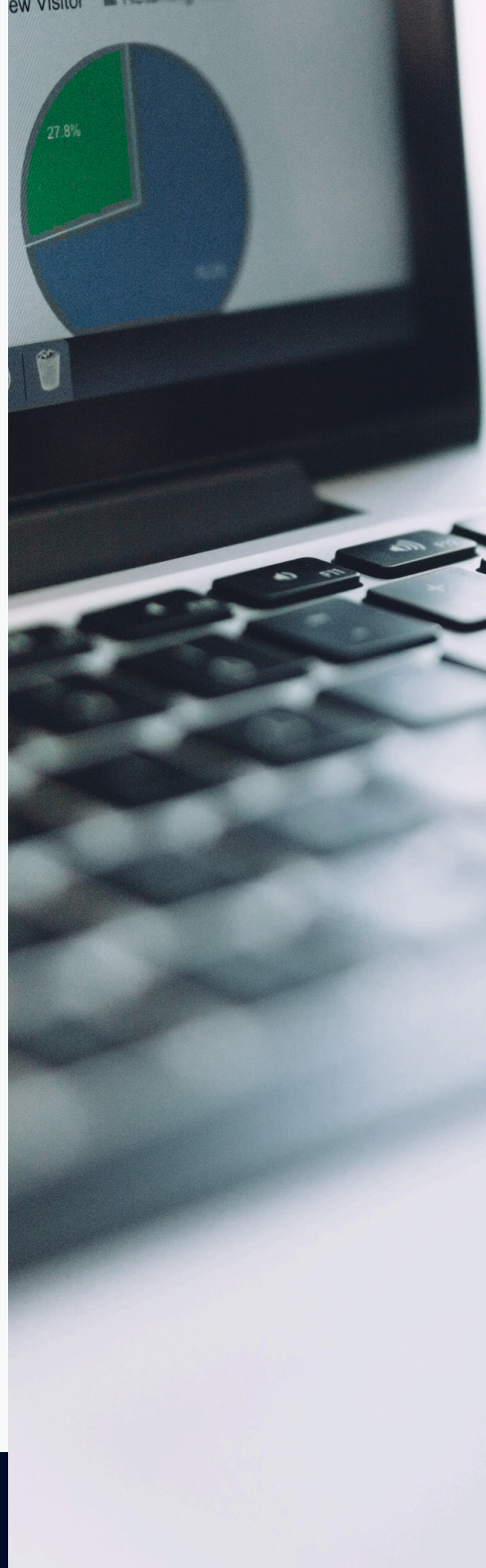
We'll identify the stakeholders required for the engagement and define which systems, networks, and processes must be reviewed based on where Controlled Unclassified Information (CUI) is stored, processed, and transmitted in your environment.

We'll establish objectives for scoping and create a detailed project plan with defined activities, timelines, roles, and responsibilities for the engagement.

## ASSESS COMPLIANCE POSTURE

Understanding your current cybersecurity posture is essential prior to seeking an assessment with a Certified Third Party Assessment Organization (C3PAO).

We'll conduct a gap assessment to compare your current practices against the 320 assessment objectives of NIST SP 800-171A Rev 1 - The assessment criteria of the NIST SP 800-171 Rev 2 cybersecurity framework.





# AREAS OF REVIEW

- Processes and procedures associated with NIST SP 800-171 Rev 2 control requirements.
- Assets, including all hardware, storage, endpoints, software, applications, and data assets within scope, with locations, versions, patch levels, and configurations.
- Network topography, including LAN, WAN, and internet connections, verifying all network segments, subnets, and critical network devices such as routers, switches, and firewalls.
- VPN Usage and secure remote access solutions.
- User access management, including provisioning, de-provisioning, and role-based access controls.
- Access encryption mechanisms for data at rest and in transit.
- Data classification, handling, and disposal procedures.
- Multifactor Authentication (MFA) implementation and password policies.
- Verify the presence of incident detection tools and Incident Response (IR) procedures.
- Endpoint protection measures, including antivirus, antimalware, endpoint detection and response (EDR) solutions, and patch management.
- Processes for managing third-party vendors and their access to CUI.
- Physical security measures to protect CUI.
- Employee cybersecurity training and awareness programs



# DELIVERABLES

## REPORTING

We will provide an estimated assessment score, and deliver reports highlighting areas of strengths and weaknesses. Executive summaries ensure all stakeholders understand their compliance maturity status and the nature of any remaining gaps.

### PoAM

- Detailed steps to remediate each gap.
- Guidance on creating or updating policies, procedures, and technical configurations.
- Strategies for control implementation or improvement.
- Timeline and resource requirements for remediation.

### SSP

We will deliver your formatted SSP documentation structured for easy use by C3PAO Assessors, minimizing the risk of certification false starts.

# WORK WITH US

Helping Organizations get NIST SP 800-171 R2 compliant since 2019!

Procellis is a Cyber-AB Registered Practitioner Organization (RPO) that has successfully guided over 70 organizations to achieve CMMC compliance—and the number is still growing!

Whether starting your compliance journey or ensuring assessment readiness, our hands-on approach provides practical guidance tailored to your current stage to advance your compliance maturity level.

All engagements are led by Certified CMMC Professionals (CCPs) and Certified CMMC Assessors (CCAs) who have years of experience in helping organizations build maturity in their compliance posture.

We don't just help you achieve compliance; we assist you in developing a streamlined compliance management program for lasting success in the Federal supply chain.



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