



An event flyer with a purple and blue gradient background. At the top left is the EXOSTAR logo with the tagline "We build trust.". In the center, a white box contains the text "ROADMAP TO CMMC READINESS" in bold, purple letters. Below this, it says "WEDNESDAY, OCTOBER 26TH" and "2:00PM - 3:00PM ET". On the right side, it says "SPEAKER" above a circular portrait of Kevin Hancock, a man with glasses wearing a grey shirt. Below the portrait, it says "KEVIN HANCOCK" and "EXOSTAR".

How Exostar Can Help

Kevin Hancock
October 26, 2022

- Today's webinar is scheduled to last 45 min to 1 hour including Q&A.
- All participants will be muted to enable the speakers to present without interruption.
- A large portion of today's event is dedicated to answering pressing questions from the audience. Speakers will be answering questions that have been submitted prior to today's event.
- In case of outage, please wait for a minute and refresh the page.
- For your convenience, there is a link in the YouTube description to a glossary of commonly used terms, acronyms and initializations that will be referenced during today's webinar.
- This webinar is being recorded and will be available on-demand via the Exostar Resource Library (www.Exostar.com/Resources) post-event as well as at this same YouTube link.
- To speak with one of our industry experts or request a copy of this slide deck, please reach out to us at cmmc-team@Exostar.com or use the live chat feature at www.Exostar.com.



Kevin Hancock has over 20 years experience leading Sales Engineering, Customer Success, and Professional Services Teams across a broad technology spectrum that has focused on Secure Collaboration between Enterprises. It includes Agile Development and DevOps tools and practices; Zero Trust Networking; and Identity and Access Management just to name a few. Focusing on driving adoption, managing change, and helping customers learn, Kevin joined Exostar in May 2021 as Director, Sales Engineering.

Purpose

Provide a roadmap for CMMC Compliance and how Exostar can assist customers on their journey.

Latest CMMC News

CMMC Destination

Define the System

Assess your current state

Remediate your policies and environment

Cloud Solutions and Shared Responsibility

Assessment and Ongoing Updates

CMMC 2.0 Rulemaking

- March 2023 Interim Rule
- May 2023 DFARS Clauses

Joint Surveillance Voluntary Program

- Starting Aug. 2022
- C3PAO Voluntary Assessments (3 being completed)
- Draft of CMMC Assessment Process

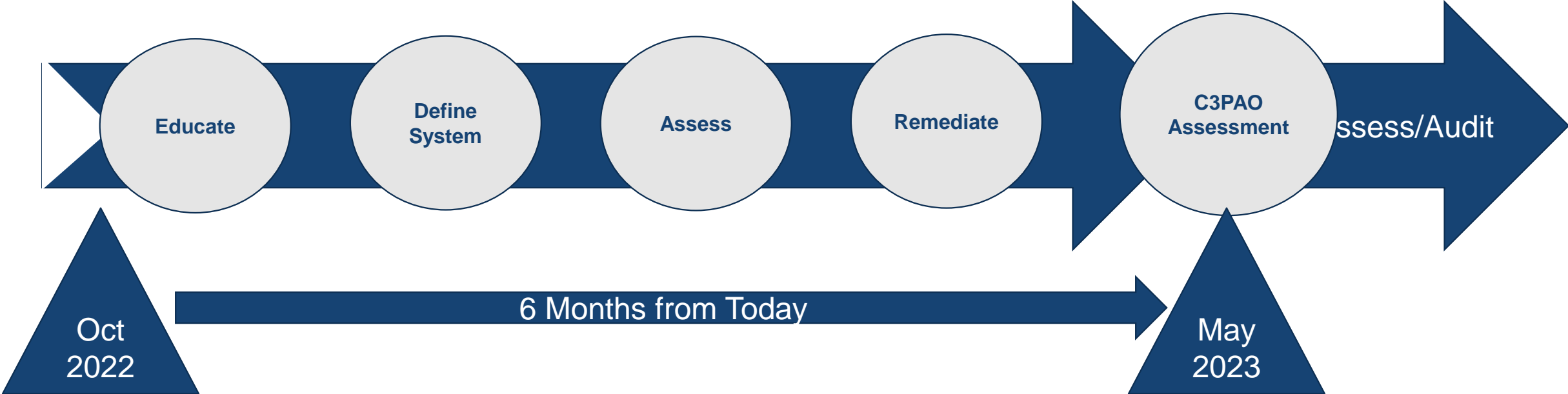
Cyber Accreditation Body

- Name and domain change from CMMC AB to Cyber AB
- <https://cyberab.org/>

Training

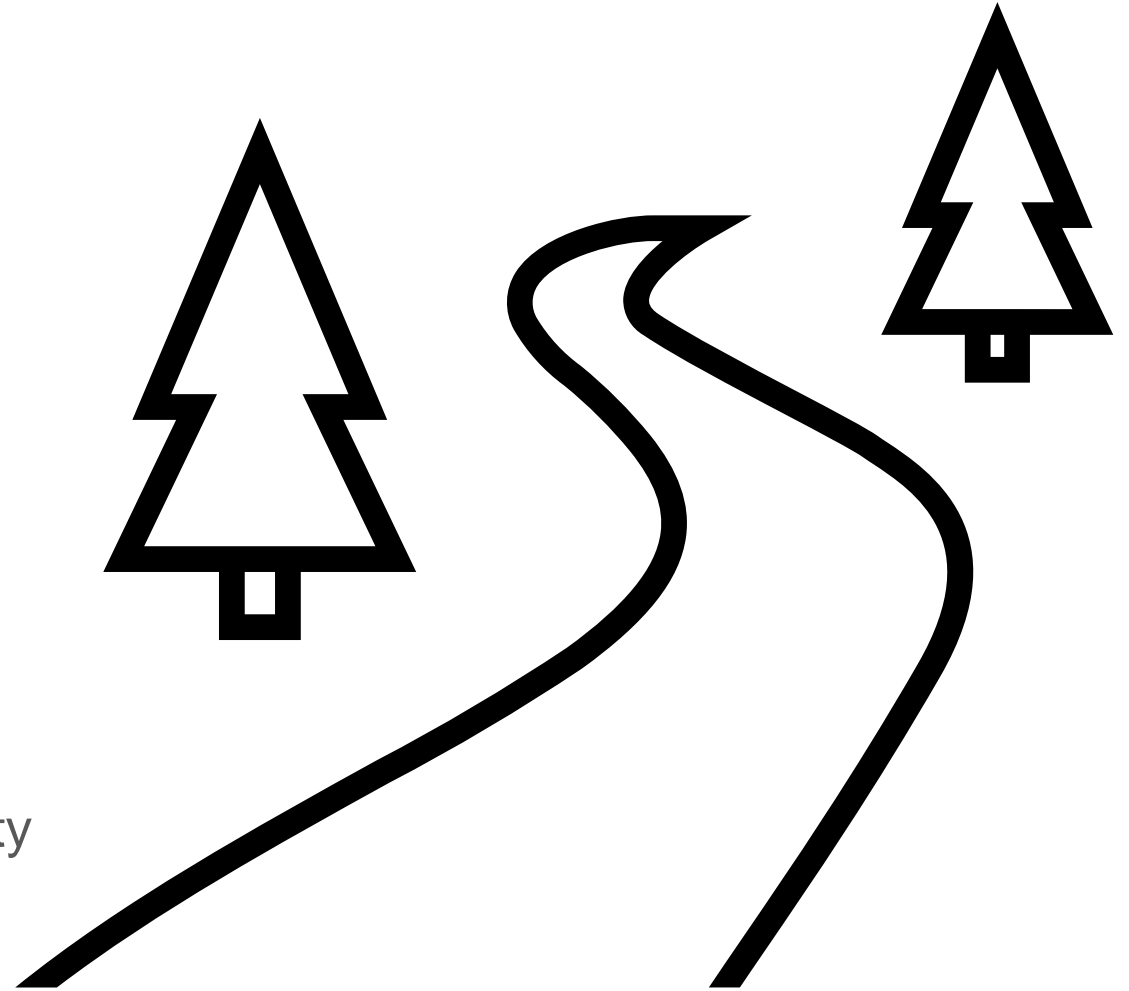
- CCP Training is Ongoing
- Pilot Test available in Q4 2022
- CCA Training to follow shortly after

CMMC 2.0 Implementation (Estimate)



Practical Roadmap

1. Choose your destination (CMMC Level)
2. Identify the system, individuals and existing resources
3. Perform an initial assessment and identify gaps
4. Start the Journey
 - a) Tools to help
 - b) Cloud Services
 - c) Partners
5. Consolidate policies, procedures, control systems, logs, etc.
6. Perform self assessment or engage with 3rd party to do readiness assessment
7. Engage C3PAO for assessment



Choose your destination

CMMC Model 2.0

	Model	Assessment
LEVEL 3 Expert	110+ practices based on NIST SP 800-172	Triennial government-led assessments
LEVEL 2 Advanced	110 practices aligned with NIST SP 800-171	Triennial third-party assessments for critical national security information; Annual self-assessment for select programs
LEVEL 1 Foundational	17 practices	Annual self-assessment

Existing Requirements

DFARS 252.204-7012
+ Completed a DIBCAC
High Assessment

CUI/Critical CUI

DFARS 252.204.7012

CUI

FAR 52.204-12

FCI

*Abbreviated as **CUI** and often pronounced “kyooie”
(rhymes with “phooey”)*

- *Engineering Drawings*
- *Engineering data*
- *Standards*
- *Specifications*
- *Technical Manuals*
- *Technical Reports*
- *Technical Orders*
- *Blueprints*
- *Plans*
- *Instructions*
- *Source Code*
- *Documentation*
- *Studies*
- *Analysis*
- *Bills of Material*

*Determining whether or not information qualifies for CUI
status falls on the originator.*

What is NIST 800-171

*U.S. Government Standard for Protecting
Controlled Unclassified Information (CUI)*

*The security requirements are intended for
use by federal agencies in contractual
vehicles*

*Protecting the confidentiality of CUI when
the information is resident in nonfederal
systems and organizations*

NIST Special Publication 800-171
Revision 2

**Protecting Controlled Unclassified
Information in Nonfederal Systems
and Organizations**

RON ROSS
VICTORIA PILLITTERI
KELLEY DEMPSEY
MARK RIDDLE
GARY GUISSANIE

This publication is available free of charge from:
<https://doi.org/10.6028/NIST.SP.800-171r2>

NIST 800-171 Categories

3.1 Access Control

3.2 Awareness and Training

3.3 Audit and Accountability

3.4 Configuration Management

3.5 Identification and Authentication

3.6 Incident Response

3.7 Maintenance

3.8 Media Protection

3.9 Personnel Security

3.10 Physical Protection

3.11 Risk Assessment

3.12 Security Assessment

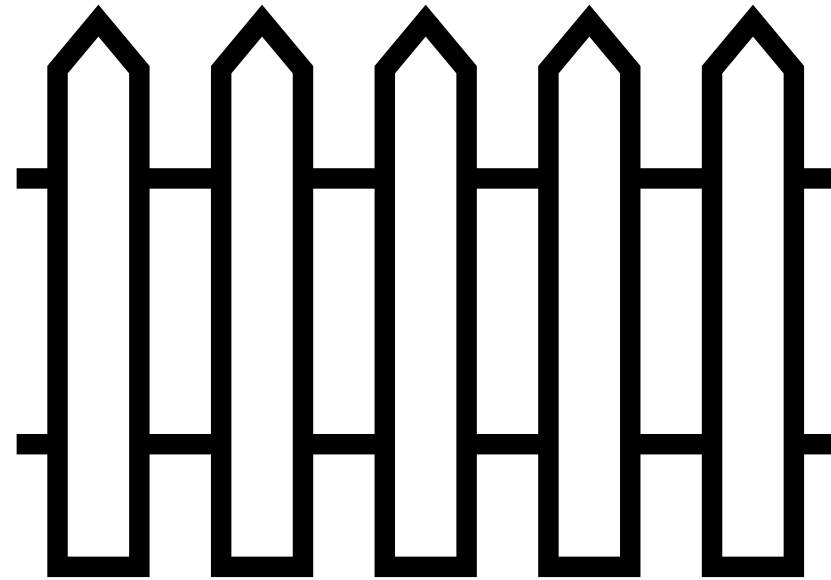
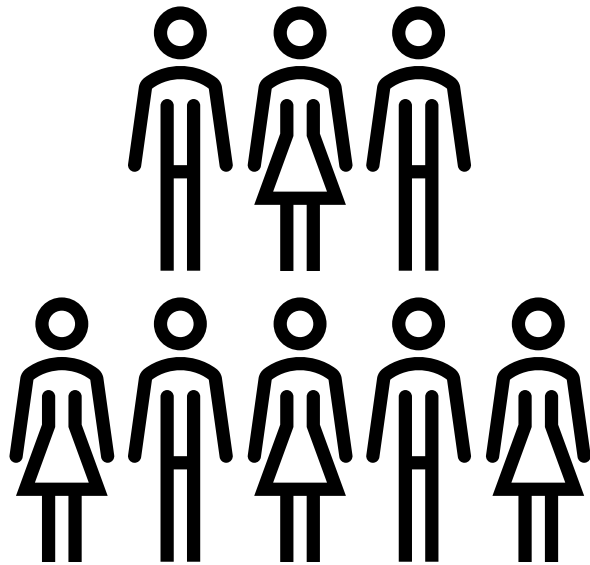
3.13 System and Communications Protection

3.14 System and Information Protection

110 Controls within these 14 Categories

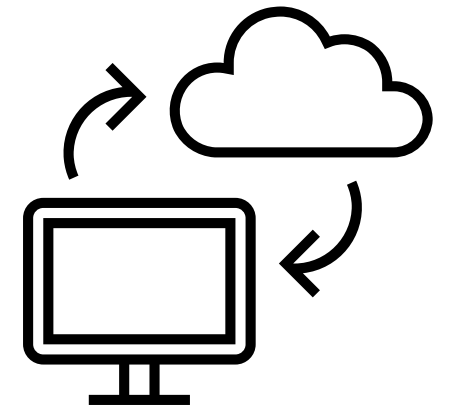
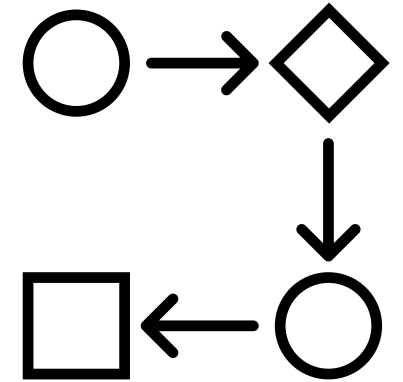
Identify the system

People



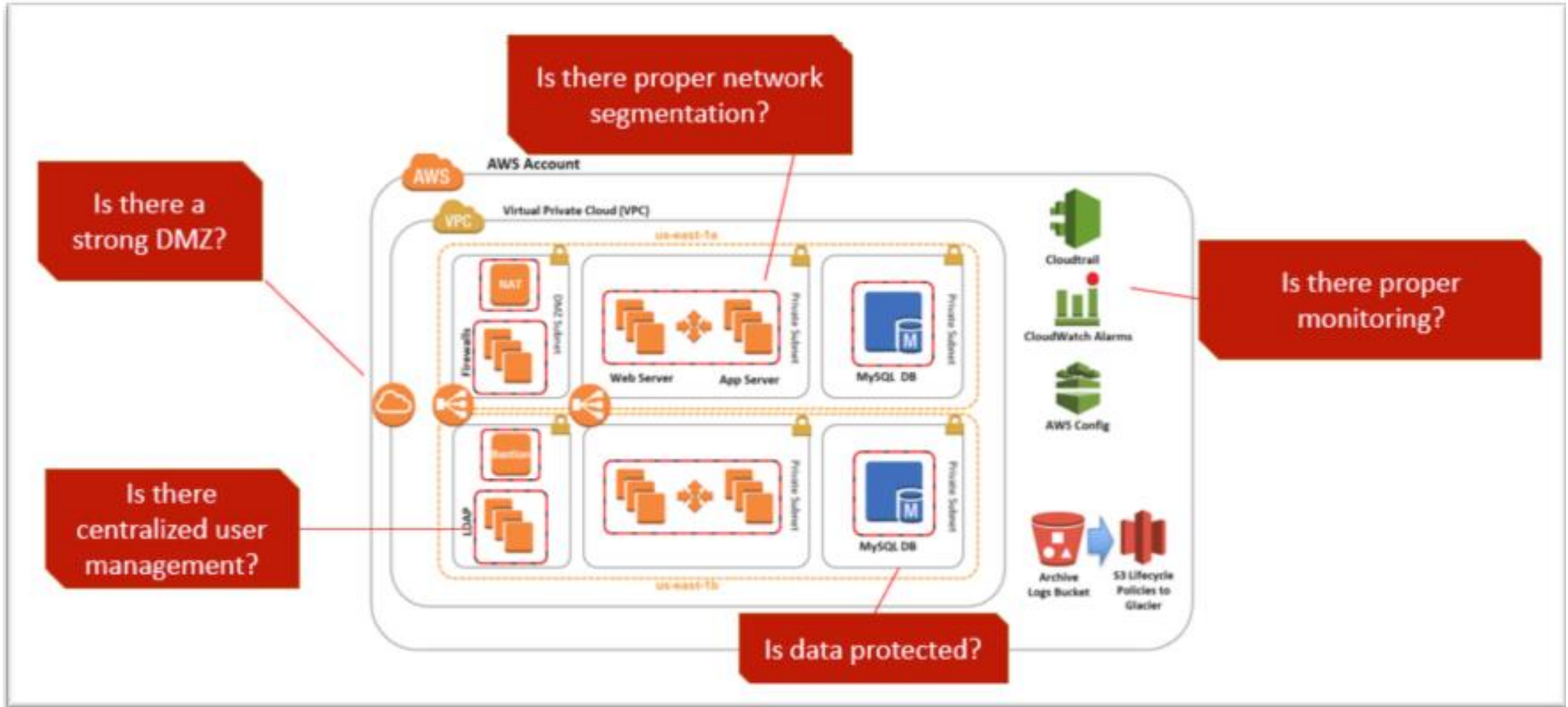
Boundary

Process



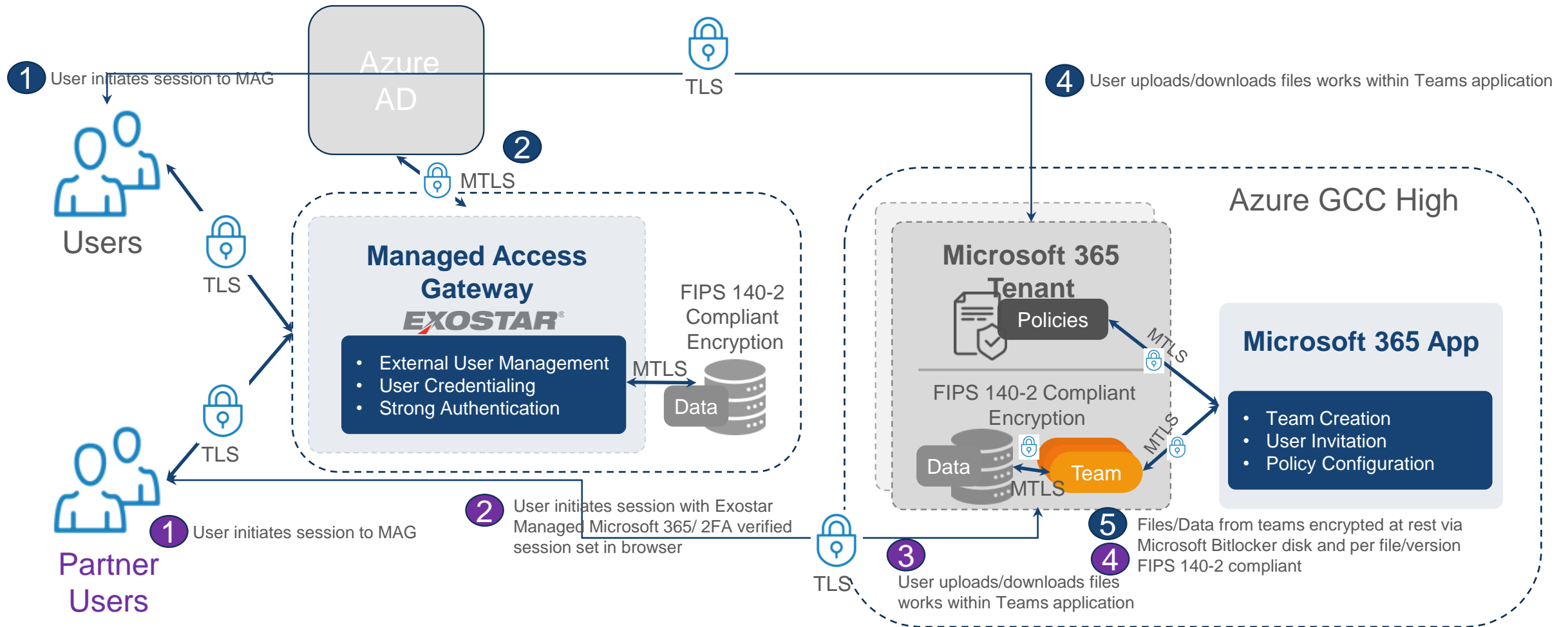
Technology

System Diagram and Boundary

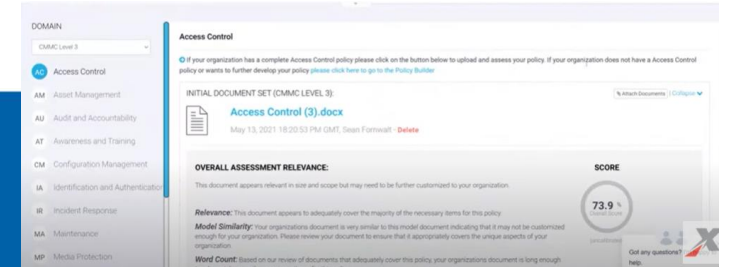
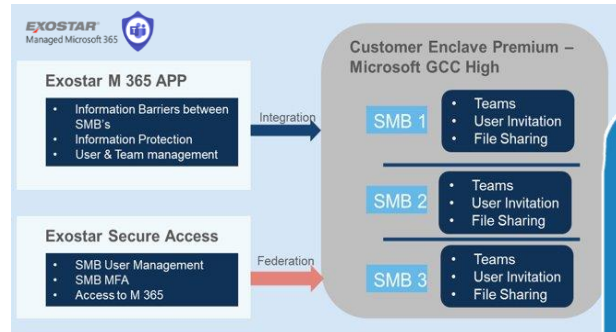


System Diagram

3 User initiates session with Exostar Managed Microsoft 365/ 2FA verified session set in browser



Start the Journey



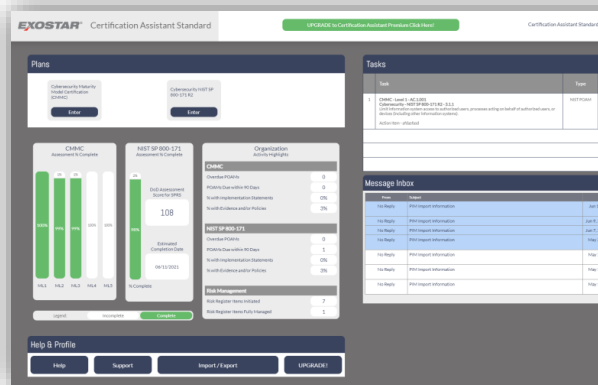
Managed Microsoft 365

PolicyPro

Exostar CMMC Ready Suite

Certification Assistant

NIST 800-171 / CMMC Basic Assessment



Description	Environment	Controls	Self Assessment	Risk Management	Approval	SCPP PQAM																																								
<table border="1"> <thead> <tr> <th>Switch to CMMC View</th> <th>Summary</th> <th>Done/Basic Assessment Score*</th> <th>Implemented</th> <th>Partially Implemented</th> <th>Not Implemented</th> <th>Not Applicable</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>110</td> <td>110</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table>							Switch to CMMC View	Summary	Done/Basic Assessment Score*	Implemented	Partially Implemented	Not Implemented	Not Applicable			110	110	0	0	0																										
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CMMC Partners

Our CMMC partners help Exostar to empower organizations to assess, measure, and mitigate risk across multi-tier partner and supplier networks.

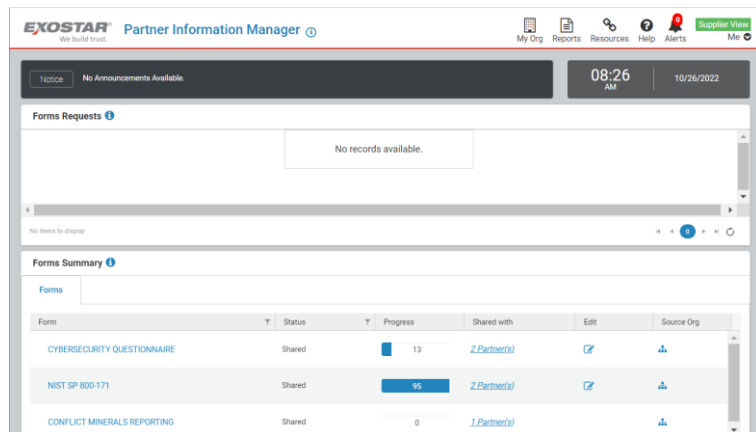
Leverage Existing Materials



Check your contracts
DFARS Clauses

- **252.204-7012**
- **252.204-7019**
- **252.204-7020**

**NIST 800-171
Compliance**



Detail View: A3 COMPANY - [\(Return to Top\)](#)

[+ Add New Assessment](#) [Clear All Filters](#) [Refresh](#)

DFARS 252.204-7012 Compliance	Most Recent Assessment	Assessment Score	Confidence Level	Standard used to Assess	Assessing CAGE or DODMAC	Assessment Scope	Included CAGE/entities	Plan of Action Completion Date	System Security Plan Assessed	System Security Plan Version/Revision	System Security Plan Date
...	06/16/2021	110	BASIC	NIST SP 800-171	ENTERPRISE	IAAA3	A3 COMPANY	06/16/2021	Company A3 SSP		06/16/2021
...	05/11/2021	110	BASIC	NIST SP 800-171	ENCLAVE	IAAA4	A4 COMPANY	N/A	2021-469	1	05/10/2021

1 - 2 of 2 items

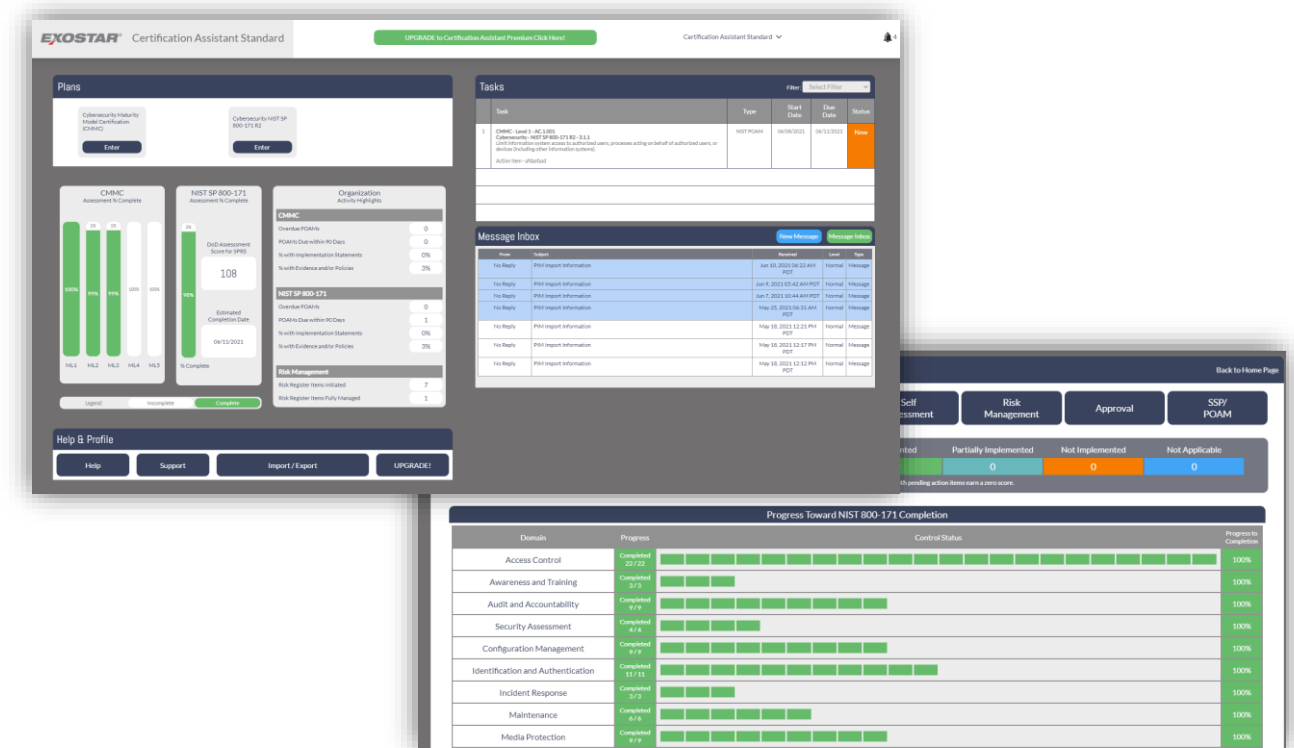
DFARS 7019 requires a self-assessment and accurate reporting of your Supplier Performance Risk System (SPRS) score

Initial Assessment

Benefits

- Easy to use
- Provides repository for all system policies, procedures and supporting material
- Tracks and reports progress on CMMC Compliance
- Opens POAMS and allows you to see progress on closure
- Output is the DAMM Score for SPRS reporting, a System Security Plan (SSP) and Report of any open POAMS and your plan to close them

EXOSTAR[®] Certification Assistant Standard



Plan of Action and Milestones (POAM)



Plan of Action & Milestones

08/17/2022

	Plan	Task	Assigned User	Start Date	Due Date	Status
1	Cybersecurity Maturity Model Certification (CMMC) 2.0 / 2022	CMMC Practice: IAL2-3.5.6 NIST 800-171 Control: 3.5.6 Action Item - Need user account management policy written, implementation plan and other activities	Kevin Hancock	06/09/2022	07/11/2022	New

Progress against your POAMS

Exostar PolicyPro for CMMC 2.0

Get help writing policies for Controls

- Information about Key Terms, Elements to address
- How to prepare
- Who to consult
- Score the written policy
- Information about missing information

Prepare

The access control policy is a critical document in the CMMC protection framework.

The following is a list of the key documents under the standard with functions.

If you don't have any document(s) covering these issues, you might want to review a portion of the language in the template document depending on the needs of your organization.

Please gather the following list of documents. Note that when we refer to a document in this handbook, the key is to have the documentation collected and available so that it can be reviewed.

Gather

- any documents or records pertaining to the maintenance of the company's information systems
- any document that details the training of maintenance personnel, including training records
- any document or record of the tools used in the maintenance of the company's information systems
- any document or record about the use of outside contractors and/or service providers (include SLAs)
- any document detailing the policy, process and procedure for maintenance of the company's information systems

🔗 If your organization has a complete Access Control policy please click on the button below to upload and assess your policy. If your organization does not have a complete policy or wants to further develop your policy please click here to go to the Policy Builder

INITIAL DOCUMENT SET (CMMC LEVEL 3):



Access Control (3).docx

May 13, 2021 18:20:53 PM GMT, Sean Formwalt - Delete

OVERALL ASSESSMENT RELEVANCE:

This document appears relevant in size and scope but may need to be further customized to your organization.

Relevance: This document appears to adequately cover the majority of the necessary items for this policy.

Model Similarity: Your organizations document is very similar to this model document indicating that it may not be customized enough for your organization. Please review your document to ensure that it appropriately covers the unique aspects of your organization.

Word Count: Based on our review of documents that adequately cover this policy, your organizations document is long enough to adequately cover the necessary items for this policy.

What does my assessment mean and what do I do?

[CLICK TO SEE DETAILED SCORECARD TO VIEW MISSING KEY PHRASES](#)

🔗 Management Approved

Overall Assessment:	This document appears relevant in size and scope but may need to be further customized to your organization.
Relevance:	This document appears to adequately cover the majority of the necessary items for this policy.
Model Similarity:	Your organizations document is very similar to this model document indicating that it may not be customized enough for your organization. Please review your document to ensure that it appropriately covers the unique aspects of your organization.
Word Count:	Based on our review of documents that adequately cover this policy, your organizations document is long enough to adequately cover the necessary items for this policy.
Overall Score:	73.9% (uncalibrated)

Control Specific Key Elements Not Included (KENI) - [42]

Collapse All

enforcement mechanisms can also be employed at the application and service level to provide increased information security. Other systems include systems internal and external to the organization. Users requiring administrative privileges on system accounts receive additional scrutiny by organizational personnel responsible for approving such accounts and privileged access.

Temporary and emergency accounts are accounts intended for short-term use. Organizations establish temporary accounts as a part of normal account activation procedures when there is a need for short-term accounts without a demand for immediacy in account activation. Organizations establish emergency accounts in response to crisis situations and with the need for rapid account activation. Therefore, emergency account activation may bypass normal account authorization processes. Emergency and temporary accounts are not to be confused with infrequently used accounts (e.g., local accounts used for special tasks defined by organizations or when network resources are unavailable). Such accounts remain available and are not subject to automatic disabling or removal dates. Conditions for disabling or deactivating accounts include, for example, when shared/group, emergency, or temporary accounts are no longer required, or when individuals are transferred or terminated. Some types of system accounts may require specialized training.

General Policy Key Elements Not Included (KENI) - [8]

SCORE



Shared Responsibility – What it means

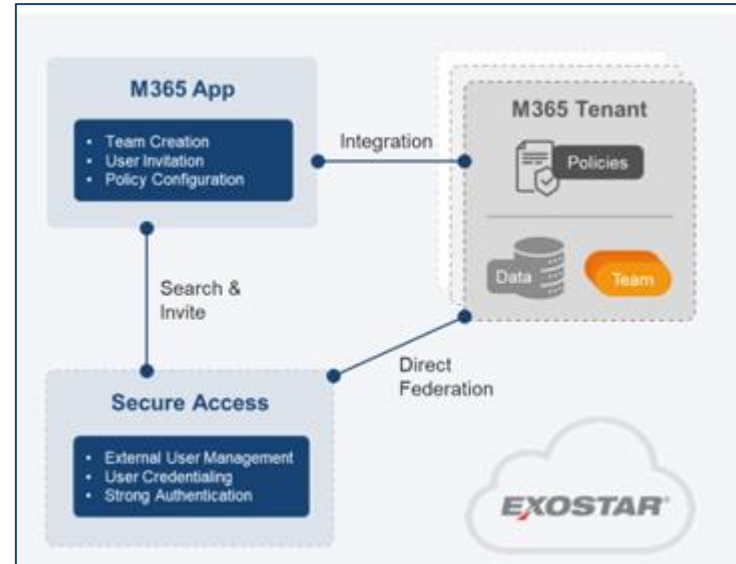
Exostar's Managed Microsoft 365 for CMMC

EXOSTAR
We build trust.

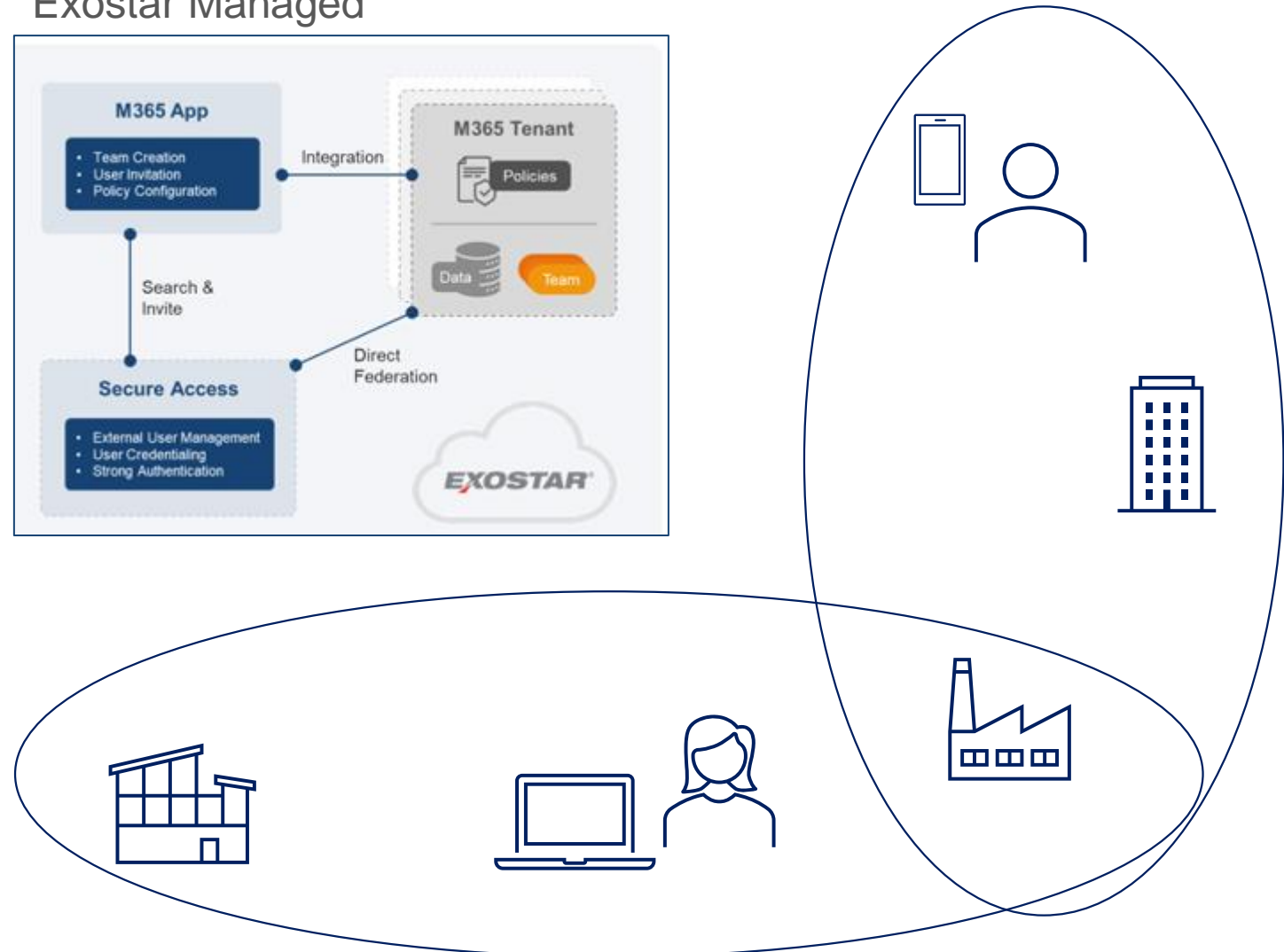
3.8	Media Protection	3.8.7	Control the use of removable media on system components.	Full	Exostar does not allow any unauthorized removable media nor does Microsoft Azure Government or GCC High.
3.8	Media Protection	3.8.8	Prohibit the use of portable storage devices when such devices have no identifiable owner.	Full	Exostar does not allow any unauthorized removable media and has technical controls preventing use of portable storage devices on endpoints. Microsoft Azure Government and GCC High prohibit the use of portable storage devices.
3.8	Media Protection	3.8.9	Protect the confidentiality of backup OUI at storage locations.	Full	Exostar maintains control of all backups and Subscriber data is encrypted.
3.9	Personnel Security	3.9.1	Screen individuals prior to authorizing access to information systems containing OUI.	Full	A variety of screening processes are available, depending on Subscriber requirements, prior to the issuance of credentials.
3.9	Personnel Security	3.9.2	Ensure that organizational systems containing OUI are protected during and after personnel actions such as terminations and transfers.	Shared	Exostar's IAM platform and its management of the credential lifecycle will ensure Exostar administrators and users are removed from the system. Subscribers is responsible for their employees' access to their systems.
3.10	Physical Protection	3.10.1	Limit physical access to organizational systems, equipment, and the respective operating environments to authorized individuals.	Full	Microsoft Azure Government and GCC High limit physical access to all systems hosted in this last solution. Exostar TechOps approved/verified members are the only users with physical access to the information systems.
3.10	Physical Protection	3.10.2	Protect and monitor the physical facility and support infrastructure for organizational systems.	Full	Microsoft Azure Government and GCC High includes multiple layers of physical access controls, including biometric authentication, to restrict data center and system access to authorized individuals. Furthermore, the data center is protected by guards who monitor the data center floor.
3.10	Physical Protection	3.10.3	Escort visitors and monitor visitor activity.	Full	Exostar & Microsoft Azure escort and monitor visitors in all data centers.
3.10	Physical Protection	3.10.4	Maintain audit logs of physical access.	Full	Exostar and Microsoft maintain independent operational and security logs. We also audit physical access logs to hosting facilities.
3.10	Physical Protection	3.10.5	Control and manage physical access devices.	Full	Exostar and Microsoft control and manage physical access.
3.10	Physical Protection	3.10.6	Enforce safeguarding measures for OUI at alternate work sites.	Shared	Exostar employee remote access is via encrypted 2FA VPN. Subscriber is responsible for data on their systems.
3.11	Risk Assessment	3.11.1	Periodically assess the risk to organizational operations (including mission, functions, image or reputation), organizational assets, and individuals, resulting from the operation of organizational systems and the associated processing, storage, or transmission of OUI.	Shared	Exostar has a risk assessment process for the overall enterprise and individual projects. This process is guided by NIST 800-36, "Managing Information Security Risk" and NIST 800-30, "Guide for Conducting Risk Assessments." Exostar security risks are incorporated into the overall company risk portfolio and managed with the other business risks. Subscriber is responsible for their own overall Risk Assessment.
3.11	Risk Assessment	3.11.2	Scan for vulnerabilities in organizational systems and applications periodically and when new vulnerabilities affecting those systems and applications are identified.	Full	Exostar has an active vulnerability management program. This program identifies vulnerabilities in infrastructure, applications, and databases.
3.11	Risk Assessment	3.11.3	Remediate vulnerabilities in accordance with risk assessments.	Full	Exostar's vulnerability management program identifies vulnerabilities and works with the system owners to remediate them in a prioritized approach.

7

Exostar Managed



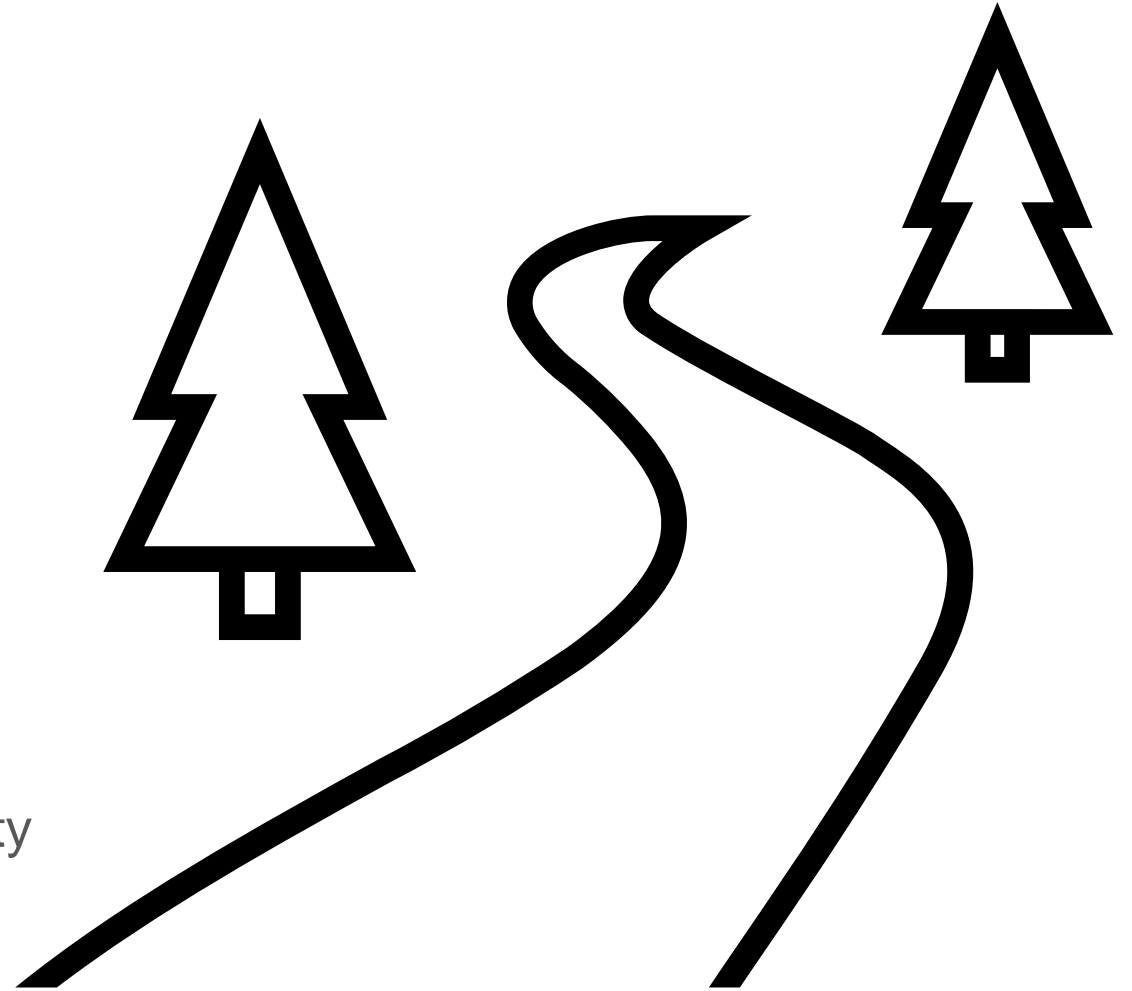
Organization Managed



- Close your POAMS or have solid plans in place to complete
- Consolidate Assessment Material
 - Policies
 - Procedures
 - Logs, Roles/Permissions, Groups etc.
- Engage with a CMMC Third-Party Assessment Organization (C3PAO)
- Complete Assessment

Recap

1. Choose your destination (CMMC Level)
2. Identify the system, individuals and existing resources
3. Perform an initial assessment and identify gaps
4. Start the Journey
 - a) Tools to help
 - b) Cloud Services
 - c) Partners
5. Consolidate policies, procedures, control systems, logs, etc.
6. Perform self assessment or engage with 3rd party to do readiness assessment
7. Engage C3PAO for assessment



Exit Poll

See link in YouTube description

Q&A

1. Timeline for CMMC Implementation
 - Is the 10/1/2024 date changing to May 2023?
 - Will CMMC 2.0 be implemented immediately in May 2023 and appear in contracts immediately or will there be a phase-in period?
 - Where do we find official documentation regarding the May 2023 date
 - When will the industry audits begin?
2. How do I determine which CMMC 2.0 Level (1, 2, or 3) I will need?
 - What are the requirements for a very small business, 2 employees, no current Govt contracts?
 - I am a small business utilizing 2 computers. One is used only for email and web searching using a VPN and the other is internal information saving and is not at all online or any network. I would certainly like to know what else is needed to become compliant
3. What is the difference between NIST and CMMC?
4. Microsoft Questions
 - How does CMMC 2.0 apply to a company leveraging primarily Microsoft Web Products?
 - How many (and which ones) of the controls does Office 365 satisfy?
5. Is there an Individual Certification that prepares someone on CMMC for their organization?

Useful sources of information

- Learn more about CUI at <https://www.dodcui.mil/>
- CMMC Accreditation Body website <https://cyberab.org/>
- DoD Procurement reference website <https://dodprocurementtoolbox.com/>
- DoD CMMC Acquisition website <https://www.acq.osd.mil/cmmc/index.html>

Summary of the SPRS process with links to authoritative PIEE and SPRS materials hosted by DoD
<https://www.exostar.com/blog/nist-800-171-basic-assessment-reporting-easy-as-1-2-3/>

- Exostar Partner Listing <https://www.exostar.com/partners/> (note – select CMMC)

Free Trial Information:

- Exostar Certification Assistant <https://www.exostar.com/product/certification-assistant/>
- Exostar PolicyPro <https://www.exostar.com/product/policypro/>

1. Are there other Exostar offerings that will help compliance and what are their costs? I need a total overall expense required for CMMC compliance to present to get approval for purchasing."
2. What is the difference between Managed Microsoft for CMMC and Microsoft 365 E5 ?
3. What is the cost of Exostar's managed Microsoft program?
4. What is the cost of Exostar's Policy Pro?

Contact

cmmc-team@Exostar.com

Exit Poll Reminder

See link in YouTube description

Thank you for joining us.

cmmc-team@exostar.com

EXOSTAR[®]

We build trust.