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# Securing the DoD Supply Chain

## Cybersecurity Maturity Model Certification

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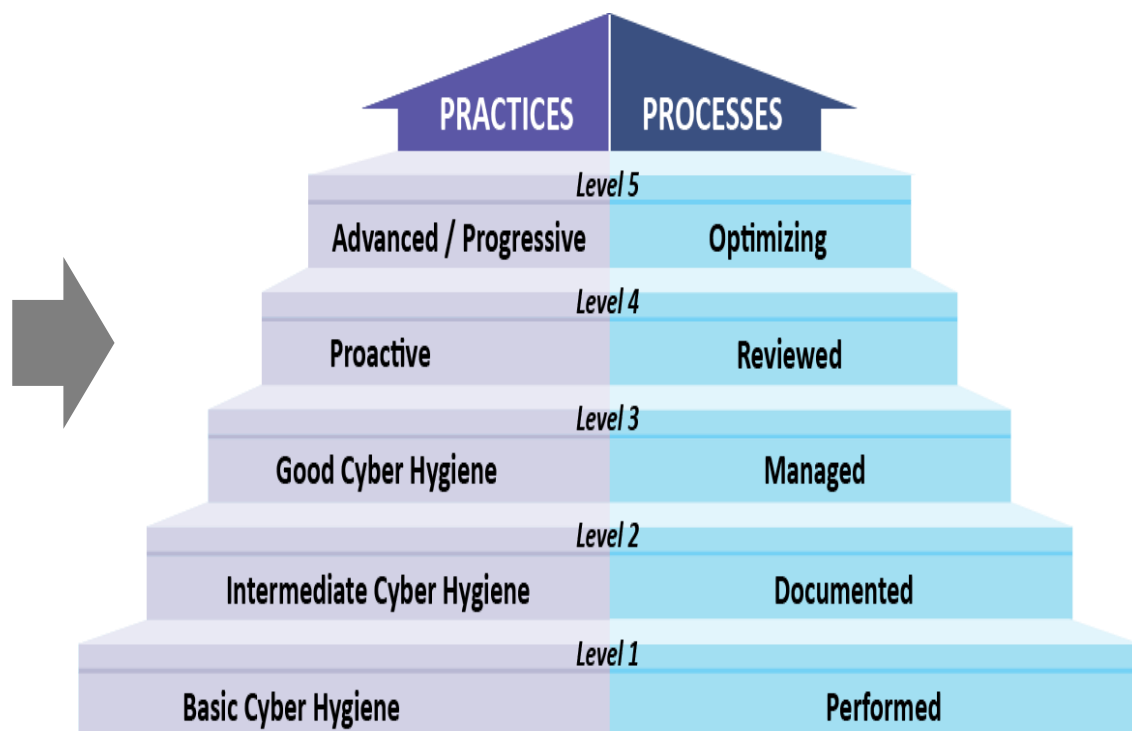


# CMMC Model Structure

## 17 Capability Domains (v1.0)

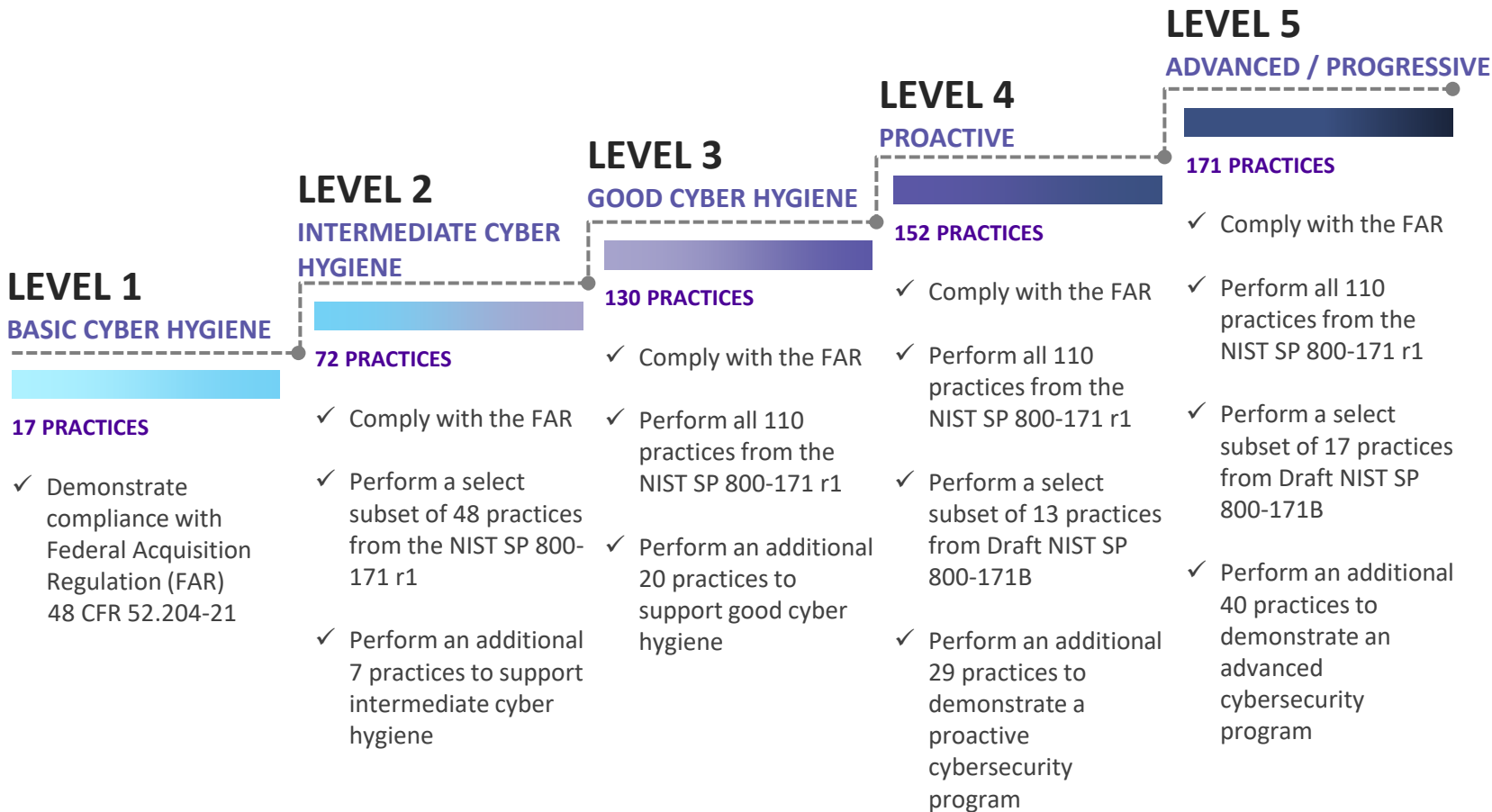
Access Control (AC)	Incident Response (IR)	Risk Management (RM)
Asset Management (AM)	Maintenance (MA)	Security Assessment (SAS)
Awareness and Training (AT)	Media Protection (MP)	Situational Awareness (SA)
Audit and Accountability (AA)	Personnel Security (PS)	System and Communications Protection (SCP)
Configuration Management (CM)	Physical Protection (PP)	System and Information Integrity (SII)
Identification and Authentication (IDA)	Recovery (RE)	

Capabilities are assessed for Practice and Process Maturity





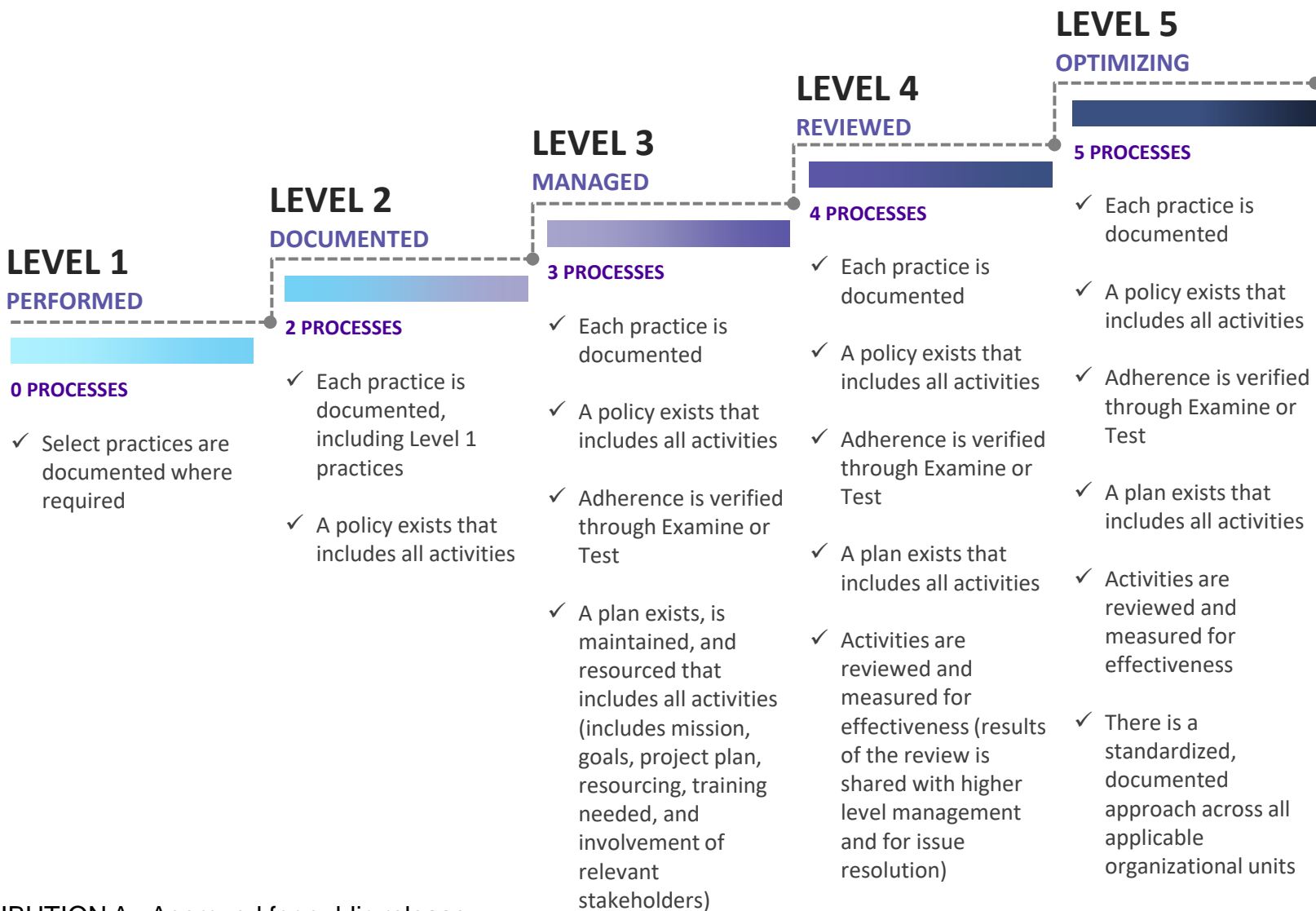
# CMMC Practice Progression



Reduces risk of Advanced Persistent Threats (APTs)



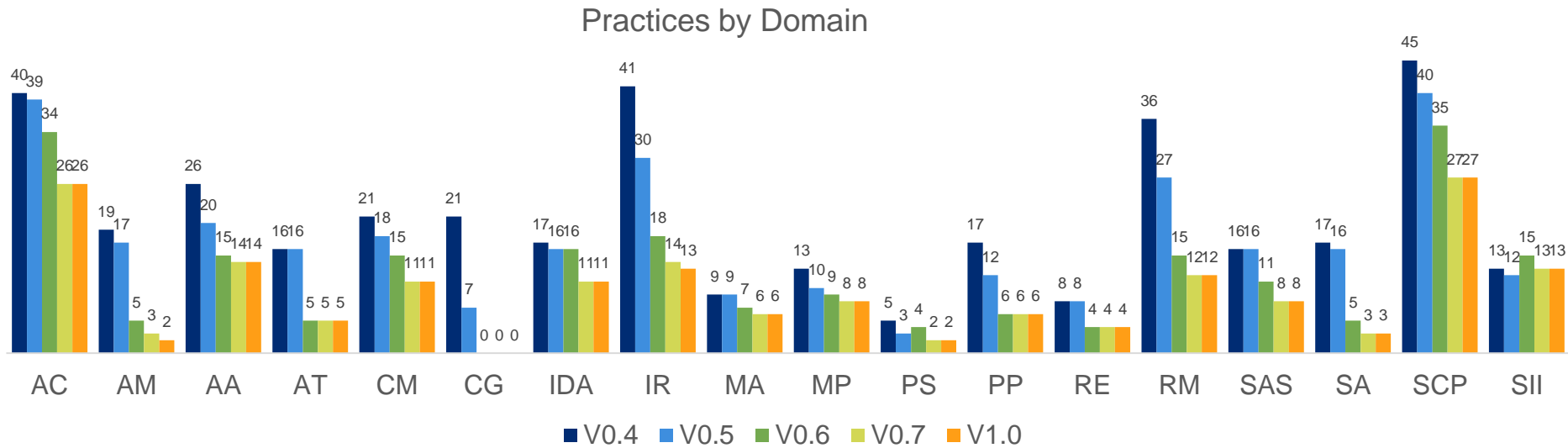
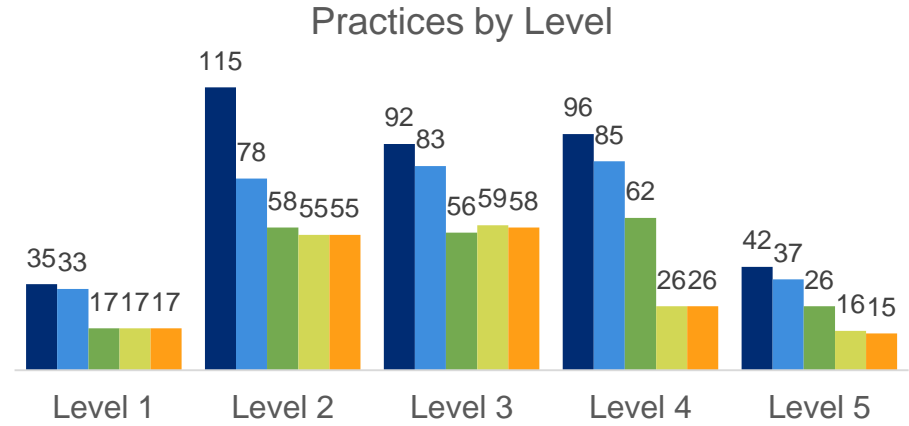
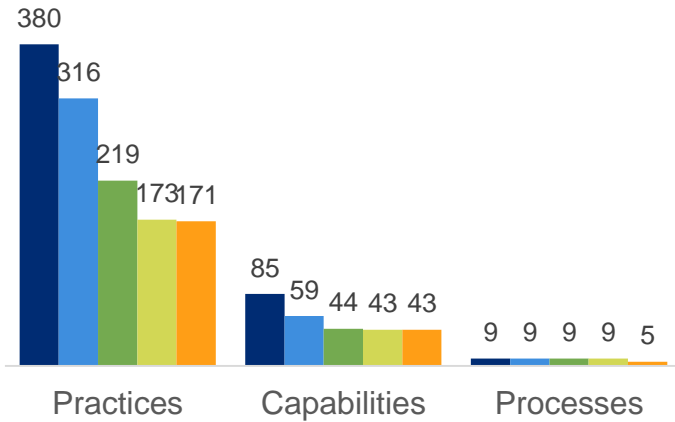
# CMMC Maturity Process Progression





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# CMMC Model Evolution v0.4 to v0.5 to v0.6 to v0.7 to v1.0





# CMMC Model v1.0: Source Counts

- **CMMC Model leverages multiple sources and references**
  - CMMC Level 1 only includes practices from FAR Clause 52.204-21
  - CMMC Levels 4 and 5 do not include QTY 16 practices from Draft NIST SP 800-171B because of implementation complexity/constraints and/or cost

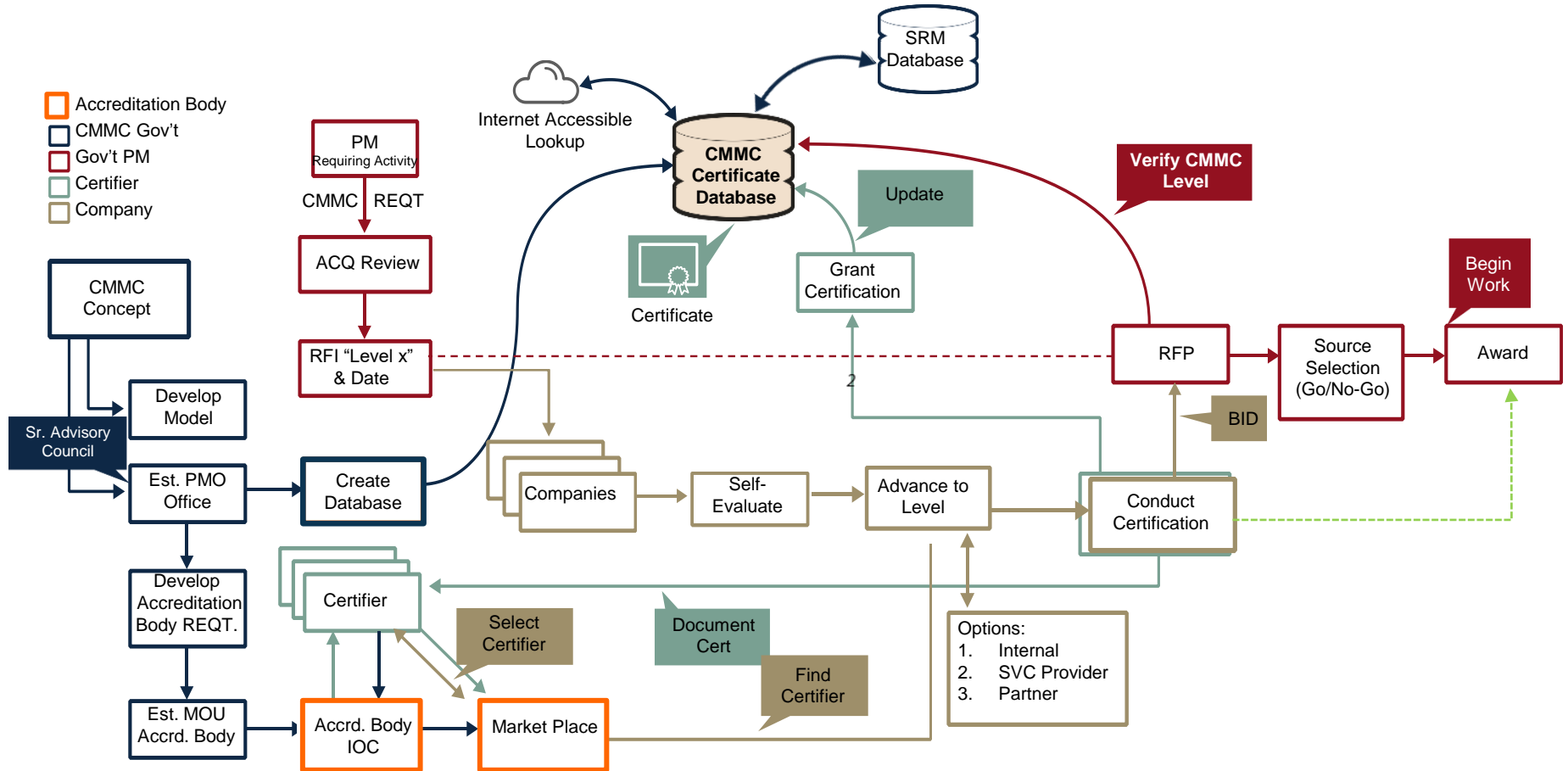
### CMMC Model v1.0: Number of Practices per Source

CMMC Level	Total Number Practices per CMMC Level	Source			
		48 CFR 52.204-21	NIST SP 800-171r1	Draft NIST SP 800-171B	Other
Level 1	17	17 *	17	-	-
Level 2	55	-	48	-	7
Level 3	58	-	45	-	13
Level 4	26	-	-	13	13
Level 5	15	-	-	4	11
<b>Total</b>	<b>171</b>	<b>17*</b>	<b>110</b>	<b>17</b>	<b>44</b>
Excluded	-	-	-	16	-

\* Note: QTY 15 safeguarding requirements from FAR clause 52.204-21 correspond to QTY 17 security requirements from NIST SP 800-171r1, and in turn, QTY 17 practices in CMMC

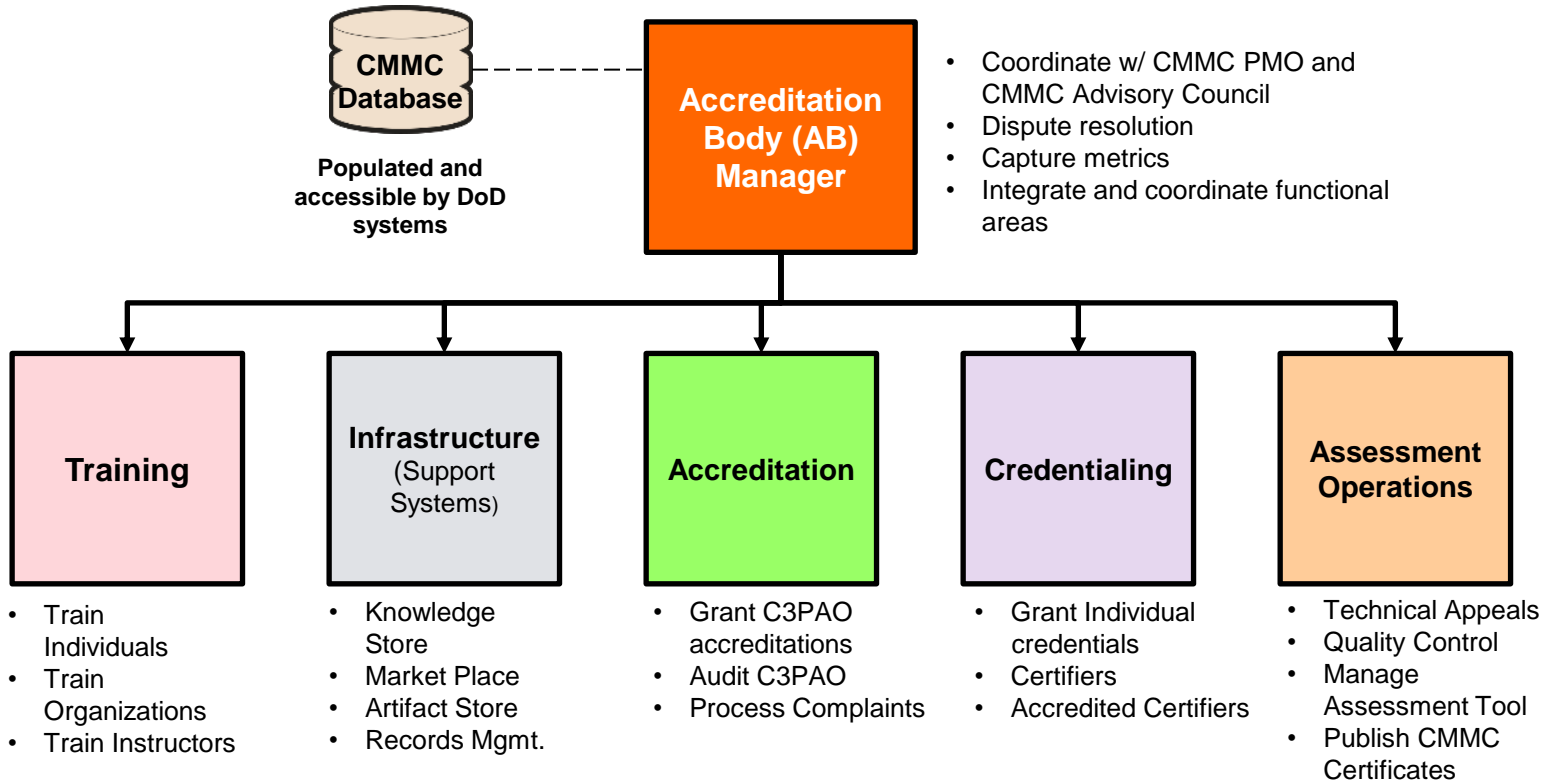


# CMMC Implementation Flow





# CMMC Accreditation Body Activities







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# CMMC Draft Schedule: CY20



	Q2FY20			Q3FY20			Q4FY20			Q1FY21		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Rulemaking</b>	◆ DAR Council Meeting									◆ Goal: Complete Rulemaking Process		
<b>CMMC Roll-Out Plan</b> * Depends upon Rulemaking							◆ Initial RFIs with CMMC Requirement				◆ Initial RFPs with CMMC Requirement	* Depends upon Rulemaking
<b>DoDI 5000.02 Cybersecurity Enclosure</b>	←-◆- - -> Complete reviews and approval											
<b>CMMC Implementation Pathfinder(s) with Subset of DIB Sector</b>	◆ Initial Planning	Pathfinder(s)										
<b>CMMC Accreditation Body (AB)</b>	◆ Establish CMMC AB Board	◆ Sign MOU (TBD)				◆ Marketplace (TBD)	Certification process for candidate CMMC Third Party Assessment Organizations (C3PAOs)					
<b>CMMC Databases &amp; Infrastructure</b>	◆ Initial Planning	Database/Infrastructure Pathfinder					◆ Initial Beta Testing					
<b>CMMC AB Training</b> • Train the trainers • CMMC classes for assessors							Initiate Training for CMMC 101, Levels 1-3			Initiate Training for CMMC Levels 4-5		
<b>Draft CMMC Training Material to CMMC Accreditation Body (AB)</b>	Deliver Draft Training CMMC 101 ◆				◆ Deliver Draft Training CMMC Levels 1-3			◆ Deliver Draft Training CMMC Levels 4-5	Coordinate and Conduct Training Pathfinder with CMMC AB			
<b>Defense Acquisition University (DAU) CMMC Training</b>							Initiate Training for CMMC 101, Levels 1-3			Initiate Training for CMMC Levels 4-5		
<b>CMMC Assessment Guides</b>	Deliver Levels 1-3 to CMMC AB ◆			◆ Deliver Levels 4-5 to CMMC AB	Update & Refine CMMC Assessment Guides							
<b>CMMC Model</b>	◆ Complete & Release v1.0						Potential update based on rulemaking process (TBD)					



# Projected CMMC Roll-Out

- OUSD(A&S) will work with Services and Agencies to identify candidate programs that will have the CMMC requirement during FY21-FY25 phased roll-out

Total Number of Contracts with CMMC Requirement				
FY21	FY22	FY23	FY24	FY25
15	75	250	479	479

	Total Number of Prime Contractors and Sub-Contractors with CMMC Requirement				
	FY21	FY22	FY23	FY24	FY25
Level 1	895	4,490	14,981	28,714	28,709
Level 2	149	748	2,497	4,786	4,785
Level 3	448	2,245	7,490	14,357	14,355
Level 4	4	8	16	24	28
Level 5	4	8	16	24	28
<b>Total</b>	<b>1,500</b>	<b>7,500</b>	<b>25,000</b>	<b>47,905</b>	<b>47,905</b>

- All new DoD contracts will contain the CMMC requirement starting in FY26



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<https://www.acq.osd.mil/cmmc/index.html>