

ARC-39: The capability documents provide decisionmakers with (timely, detailed, factual, etc.) information to make decisions that are resource informed, integration focused, and outcome based (RIO).					As of: 26 Mar 10			
Criteria	Criteria Guidelines	References	Required Documents	Applicability				Mandatory Comments
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<b>Criterion 39a:</b> CDID produced Army DCR or Joint DCR are completed in sufficient detail to attain: - Army Requirements Oversight Council (AROC) approval of the DCR. - Joint Requirements Oversight Council (JROC) approval of the DCR.	<b>39a(1):</b> The DCR/DICR is based on an ARCIC-approved capabilities based assessment (CBA) or previous analysis updated for this purpose.	CJCSM 3170.01 TR 71-20 DICR Guide.	ARCIC approved CBA or other valid analysis.	X					
	<b>39a(2):</b> The DCR or DICR is formatted IAW the DICR Guide.	CJCSM 3170.01 AR 71-9 (final draft) TR 71-20 DICR Guide.			X				
	<b>39a(3):</b> The “DCR/DICR” describe specifics of the DOTMLPF proposals such as <i>who, what, when, how, and why</i> .	CJCSM 3170.01 DICR Guide.			X				
	<b>39a(4):</b> The “Findings and Proposed Implementation Plan” describe the research, experimentation, and analysis findings, and the recommended implementation plan.	CJCSM 3170.01 DICR Guide.			X				
	<b>39a(5):</b> The “Implementation timeline and Resourcing Requirements” discuss the relationships between recommendations and associated implementation timing as well as the resources required to implement the recommended changes.	CJCSM 3170.01 DICR Guide.			X				
	<b>39a(6):</b> The “Affordability Tables” identify the funding required for RDT&E, Procurement, and Sustainment.	CJCSM 3170.01 DICR Guide.			X				
	<b>39a(7):</b> The “Constraints” paragraph identifies the current or projected resource constraints with respect to implementing any element of the recommended changes in the “Findings and Proposed Implementation Plan” paragraph.	CJCSM 3170.01 DICR Guide.			X				

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	<b>39a(8):</b> The “Policy” paragraph describes the Army or DOD policy issues that would prevent the effective implementation of the recommended changes.	CJCSM 3170.01 DICR Guide.		X				
	<b>39a(9):</b> The “Package Disposition” paragraph provides an overall recommended option or way ahead.	CJCSM 3170.01 DICR Guide.		X				
<b>Criterion 39b:</b> The ICD is completed IAW the CJCSM 3170.01 to gain AROC and JROC validation and/or approval. Documents reflect DOTMLPF requirements and/or implications.	<b>39b(1):</b> The ICD is based on an ARCIC-approved Capabilities Based Assessment (CBA).	CJCSM 3170.01 ICD Writer’s Guide.	ICD ARCIC-approved CBA.	X				If no CBA was performed, then was previous analysis updated to support and underpin the ICD?
	<b>39b(2):</b> The ICD is formatted IAW the writers guide.	CJCSM 3170.01 ICD Writer’s Guide.		X				
	<b>39b(3):</b> The draft designation of the ICD reflects the impact on the joint warfighting force.	CJCSM 3170.01 ICD Writer’s Guide.						
	<b>39b(4):</b> The ICD is based on an approved Concept of Operations (CONOPS).	CJCSM 3170.01 ICD Writer’s Guide.		X				If not, is the CONOPS included as an appendix to the ICD.
	<b>39b(5):</b> The timeframe under consideration for “initial operational capability” is based on input from the combatant commands and the acquisition community.	CJCSM 3170.01 ICD Writer’s Guide.		X				
	<b>39b(6):</b> The “Required Capabilities” description is consistent with the CBA.	CJCSM 3170.01 ICD Writer’s Guide.		X				
	<b>39b(7):</b> The “Threat and Operational Environment” describes the operational environment in which the capability must be employed.	CJCSM 3170.01 ICD Writer’s Guide.		X				

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	<b>39b(8):</b> The “Final Recommendations” covers the non-materiel approaches recommended for implementation through a DCR/DICR. If not sufficient to mitigate the gaps and a materiel approach is required, a recommendation on the type of materiel approach preferred for each capability gap is provided (information technology, evolutionary, or transformational).	CJCSM 3170.01 ICD Writer's Guide.		X				
<b>Criterion 39c:</b> The CDD is completed IAW the CJCSM 3170.01 to gain AROC and JROC validation and/or approval. Documents reflect DOTMLPF requirements and/or implications.	<b>39c(1):</b> The CDD captures guidance from the Materiel Development Decision (MDD) and identifies the materiel solution in operational terms.	CJCSM 3170.01 CDD Writer's Guide.	CDD	X				
	<b>39c(2):</b> Available resources and trades considered during the writing of this CDD are addressed.	CJCSM 3170.01 CDD Writer's Guide.						
	<b>39c(3):</b> The CDD is formatted IAW the writers guide.							
	<b>39c(4):</b> The “Program Summary” describes the overall program strategy for reaching full capability and the relationship between the production increment described in the CDD and any other increments planned for the program.	CJCSM 3170.01 CDD Writer's Guide.			X			
	<b>39c(5):</b> The “System Capabilities Required for the Current Increment” describe; achievable, measurable, testable, and operationally relevant Key Performance Parameters (KPPs) and Key System Attributes (KSAs).  <b>39c(5)(a):</b> Statutory KPPs (Force Protection & Survivability) are included or rationale for non-inclusion is clearly articulated.  <b>39c(5)(b):</b> Compliance KPPs (Net-Ready & Sustainment)	CJCSM 3170.01 CDD Writer's Guide.			X			

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	<p>are included or rationale for non-inclusion is clearly articulated.</p> <p><b>39c(5)(c):</b> If the Sustainment KPP is included, then the 2 mandated KSAs of Reliability and Ownership Cost are included.</p>							
	<p><b>39c(6):</b> The "Technology Readiness Assessment" defines the program's critical technology elements that correlate to system KPPs.</p>	<p><i>DOD Technology Readiness Assessment Deskbook.</i></p>		X				
	<p><b>39c(7):</b> The types and quantities of assets required to attain Initial Operational Capability (IOC) along with the units that will use the capability and the quantities of assets are defined.</p>	<p>CJCSM 3170.01 CDD Writer's Guide.</p>		X				
	<p><b>39c(8):</b> DOTMLPF and policy changes are considered from two perspectives:</p> <p><b>39c(8)(a):</b> DOTMLPF that supports the implementation, operations and support of the specific system.</p> <p><b>39c(8)(b):</b> DOTMLPF that must be changed to support integration of this system with existing capabilities.</p>	<p>CJCSM 3170.01 CDD Writer's Guide.</p>		X				

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	<b>39c(10):</b> The "Program Affordability" describes life-cycle cost; sponsor's estimates of the appropriate funding level for developing, producing, and sustaining the desired capability; state cost in terms of a threshold and objective capability (not necessarily a KPP) to provide flexibility for program evolution and cost as an independent variable tradeoff studies; and describe applicable cost analyses conducted to date.	CJCSM 3170.01 CDD Writer's Guide.		X				
<b>Criterion 39d:</b> The CPD is completed in IAW the CJCSM 3170.01 to gain AROC and JROC validation and/or approval. Documents reflect DOTMLPF requirements and/or implications.	<b>39d(1):</b> The CPD captures lessons learned from Test & Evaluation (T&E), modeling & simulations, and Experimentation.	CJCSM 3170.01 CPD Writer's Guide.	CPD.	X				
	<b>39d(2):</b> The CPD captures guidance from the Milestone B Decision (MS B) and identifies the materiel solution in operational terms and was finalized at the proponent level after the critical design review.	CJCSM 3170.01 CPD Writer's Guide.		X				
	<b>39d(3):</b> Available resources and trades considered during the writing of this CPD are addressed.	CJCSM 3170.01 CPD Writer's Guide Strategic Framework Guide.		X				
	<b>39d(4):</b> The CPD is formatted by the writers guide.	CJCSM 3170.01 CPD Writer's Guide.		X				

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	<p><b>39d(5):</b> The “System Capabilities Required for the Current Increment” describe; achievable, measurable, testable, operationally relevant, and “Producible” Key Performance Parameters (KPPs) and Key System Attributes (KSAs).</p> <p><b>39d(5)(a):</b> Statutory KPPs (Force Protection &amp; Survivability) are included or rationale for non-inclusion is clearly articulated.</p> <p><b>39d(5)(b):</b> Compliance KPPs (Net-Ready &amp; Sustainment) are included or rationale for non-inclusion is clearly articulated.</p> <p><b>39d(5)(c):</b> If the Sustainment KPP is included, then the 2 mandated KSAs of Reliability and Ownership Cost are included.</p>	CJCSM 3170.01 CPD Writer's Guide.		X				
	<p><b>39d(6):</b> The CPD sponsor is responsible for ensuring that related solutions, specified in other CDDs and CPDs, remain compatible and that the development is synchronized.</p>			X				
	<p><b>39d(7):</b> The “Technology &amp; Manufacturing Readiness Assessment” identifies:</p> <p><b>39d(7)(a):</b> Any critical technology elements linked to the program's key performance parameters.</p> <p><b>39d(7)(b):</b> Any manufacturing readiness challenges linked to the program's key performance parameters.</p>			X				

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	<b>39d(8):</b> The types and quantities of assets required to attain Full Operational Capability (FOC) along with the units that will use the capability and the quantities of assets are defined.			X				
	<b>39d(9):</b> DOTMLPF and policy changes are considered from two perspectives: <b>39d(9)(a):</b> DOTMLPF that supports the implementation, operations and support of the specific system. <b>39d(9)(b):</b> DOTMLPF that must be changed to support integration of this system with existing capabilities.			X				
	<b>39d(10):</b> The "Program Affordability" describes life-cycle cost; sponsor's estimates of the appropriate funding level for developing, producing, and sustaining the desired capability; state cost in terms of a threshold and objective capability (not necessarily a KPP) to provide flexibility for program evolution and cost as an independent variable tradeoff studies; and describe applicable cost analyses conducted to date.			X				
<b>Criterion 39e:</b> CDID produced draft JCIDS proposals (DCR, DICR, ICD, CDD, CPD), prioritizing	<b>39e(1):</b> Draft JCIDS proposals are staffed throughout the TRADOC Capability Development COP and with other service equity stakeholders.	TR 71-20, JCIDS Staffing Guide.		X				Time constraints may force variations to this guideline based on available development time and higher guidance.

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available resources, to address and resolve the most critical capability gaps.	<b>39e(2):</b> CDID sponsors incorporate comments that lead to a TRADOC/equity stakeholder consensus position.	TR 71-20, JCIDS Staffing Guide.		X				
	<b>39e(3):</b> COE Commander/Commandant forward draft proposals under their signature to ARCIC for validation.	TR 71-20, JCIDS Staffing Guide.		X				If other than the Commander, has signature authority been formally delegated?
	<b>39e(4):</b> Draft JCIDS proposals address specified and implied tasks from the ARCIC Campaign Plan (ArCP).	ArCP.		X				