



CRWS-BoK Cyber Resilient Weapon Systems Body of Knowledge Portal

August 19, 2021

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<https://crws-bok.org>

<https://www.CTO.mil>

 @DoDCTO



Agenda Topics

- Overview of Vision and Capability
- Concept of Operations
- Functionality Overview
- Impact Indicators
- Outreach



Overview of the Vision

The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-BoK) will provide a living, curated, authoritative guide to the knowledge most relevant and important to the advancement of engineering secure and cyber resilient weapon systems for engineers, program managers, science and technology (S&T) managers, and researchers from Department of Defense, Federal Government, industry, and academia.



Launched May 6, 2021, with version 1.1 released July 14, 2021



Overview of the Capability



CRWS-BoK includes:

- A comprehensive, continuously updating repository of curated, engineering information to produce cyber-secure, cyber-survivable, and cyber-resilient weapon systems.
- A powerful viewing environment that enables users to efficiently and easily access, search, annotate, save, and share the engineering information they need for both individual and collaborative purposes (the body of knowledge).
- Links to CRWS-relevant workforce training, competencies, and credentialing information within the repository.



Concept of Operations

Owner(s):

- OUSD(R&E)
- STP&E
- Resilient Systems
- SAIC

Intended Users:

- Those in the resilient systems and adjacent communities. This includes engineers, program managers, S&T managers, academics, and policy writers.



Concept of Operations



Adding/Removing Content

Who (Content Management Stakeholders):

- Composed of representative members from government, industry and academia, with Curation Team facilitation:
 - OUSD(R&E) STP&E (Burhan Adam, government lead)
 - DoD Cybersecurity Industry Technical Advisory Group (CITAG)
 - National Defense Industrial Association (NDIA) Systems Security Engineering (SSE) Committee
 - Systems Engineering Research Center (SERC)
- A list of candidate resources is consolidated and packaged by the Curation Team for the Review Board's consideration.
- The Review Board adjudicates whether a resource meets all the Acceptance Criteria for inclusion in the repository.



Concept of Operations

Criteria:

- All material included in the repository are unclassified and approved for Unrestricted Public Release.
- Restricted Public Release material (e.g., resources with associated paywalls) will have the URL/link shown but will not be contained in the CRWS-BoK repository.
- Foreign, sovereign-owned material will **not** be accepted for inclusion.
- A document in draft can be nominated, but cannot be accepted for inclusion until it has reached official publication.
- A list of topics* of interest will be consulted for resource relevancy.

**A full list of the Topics of Interest, and a more detailed look at the criteria, is included in the backup slides.*



Concept of Operations



Maintaining Quality:

- Users are able to nominate new resources for consideration by the Review Board.
- There is ongoing validation of resources included in the repository to ensure they are the most current version.
- When a resource is retired or rescinded, related documentation will automatically be put up for review.
- Algorithms and metrics are leveraged to determine when resources need to be reviewed.
 - This is based on how frequently a resource is accessed or if a resource is consistently rated as poor by users.
 - Poor performance in the above qualifications will place the resource on the “candidate for removal” list for the Curation Team to review.



Functionality Overview

Current Features

- Searching
 - Guided search
 - Keyword search
 - Keyword filter
 - Save a search
 - Defined filters
- General
 - Notifications
 - List view
 - Share document
 - Information/help boxes
 - Accessibility features
 - Site map
 - “Dark mode”
- Resources
 - PDF/resource viewer
 - Search within a document
 - PDF annotations
 - Document download
 - Document print
 - Document favorite
 - Details view
 - Relationship view
 - References tab

Planned Features

- AI-assisted relationship mapping
- Enhancements to Relationship view
- User interface improvements

Release Notes
×

Version 1.1.1

[Features](#)

- Added functionality for Review Board members to be able to view unapproved resources (nominated resources).

Version 1.1

[Features](#)

- List view redesigned to fit more resources on the screen.
- Sign out page added.
- Resource graphs have been updated and reformatted for better viewing.
- Added download button to both card and list view to download resources without opening them.
- A table of references has been added to the details view of resources.
- Updates to interface to make it more uniform.

[Bug Fixes](#)

- Fixed a bug with crashing after a long idle period.
- Fixed a bug causing a search to happen when typing with leading spaces.
- Fixed a bug that caused the user to be logged out if asset not found.

[CLOSE](#)



Functionality Overview

Current Features (Searching)

The screenshot displays the CRWS-BoK Portal search interface. On the left is a navigation sidebar with sections: Search Tools (Guided Search), My Resources (My Favorites, My Saved Searches), User Settings (Edit Profile, Manage Notifications), Contact Us (Nominate a Resource, Contact), and Site Information (About, FAQs). The main content area is titled "Guided Search" and includes a search bar at the top right with "HOME" and "MADISONRUDY" links. Below the search bar, a central graphic reads "Protecting System Elements Through Cyber Resilient Engineering". The interface is divided into three columns: "Choose an AREA TO PROTECT" (with options: Data and Information, Mission and System Functions, Technology), "Choose a TECHNICAL PROCESS" (with options: Architecture Design, Design Development, Requirements Management, Risk Management), and "SEARCH FOR..." (with options: PROTECTING DATA AND INFORMATION THROUGH ARCHITECTURE DESIGN and a SEARCH button). A footer note states: "Can't find what you're looking for? Check the Glossary for definitions and terminology".



Functionality Overview

Current Features (*Guided Tutorial*)

The screenshot displays the 'Guided Search' interface. At the top left, the text 'Guided Search' is visible. On the right side, there is a logo consisting of a cube with a smaller cube inside, accompanied by the text 'Protecting System Elements Through Cyber Resilient Engineering'. A blue notification bubble with the number '1' is positioned above a white dialog box. The dialog box contains the following text: 'Welcome to the Guided Search!', 'Our team of curators have already created some predefined searches that will help you find the resource you're looking searching for!', and 'Choose an 'Area to Protect' to continue.'. To the right of the dialog box is a white panel with a blue header that reads 'Choose an AREA TO PROTECT'. Below the header, three options are listed: 'Technology', 'Data and Information', and 'Mission and System Function'. At the bottom right of the interface, there is a link that says 'Can't find what you're looking for? Check the Glossary for definitions and terminology'.



Functionality Overview

Current Features (Searching)

The screenshot displays the search results for the query "program protection" on the CRWS-BoK Portal. The interface includes a search bar at the top with the query entered, and a left sidebar for refining the search. The main content area shows a grid of 15 resource cards, each representing a document found in the search.

Refine your search...

Keyword Filter

Refine using Filters...

Search Filters

- > Topic (54)
- > User Rating (5)
- > Content Maturity (3)
- > Domain (3)
- > OPR (29)

Resources

Search term: program protection

Displaying results: 1-50 of 214

1 2 3 4 5 LIST VIEW

DI-MGMT-81826
DID F/A-18 and EA-18 Airco...
Version Date: 6/12/2018
Copyright: Public Domain
Version : D
Rating: (0)

DAG, Chapter 9
Defense Acquisition Guidebo...
DoD
Version Date: 10/4/2017
Copyright: Public Domain
Version : Original
Rating: (1)

Document Streamlining - P...
Version Date: 7/18/2011
Copyright: Public Domain
Version : Original
Rating: (0)

DoD Program Protection
Version Date: 5/20/2014
Copyright: Public Domain
Version : Original
Rating: (0)

DoDI 5000.83
Technology and Program Pro...
USD(R&E)
Version Date: 7/20/2020
Copyright: Public Domain
Version : Original
Rating: (3)

Program Protection Plan E...
DASD(SE)
Version Date: 2/1/2014
Copyright: Public Domain
Version : 1.1
Rating: (0)

Program Protection Imple...
DASD(SE)
Version Date: 5/21/2014
Copyright: Public Domain
Version : Original
Rating: (0)

Program Protection Plan O...
DASD(SE)
Version Date: 7/18/2011
Copyright: Public Domain
Version : 1.0
Rating: (2)

System Security Engineeri...
DASD(SE)
Version Date: 10/30/2013
Copyright: Public Domain
Version : Original
Rating: (0)

Comprehensive Program P...
DASD(SE)
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)

DOE O 440.1B
Worker Protection Program f...
DOE
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)

DoD Trusted Microelectron...
DASD(SE)
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)

Engineering Cyber Resilien...
DASD(SE)
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)

Program Protection Plan E...
DASD(SE)
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)

DoDI 5200.01
DoD Information Security Pr...
DoD
Version Date: 10/24/2012
Copyright: Public Domain
Version : Original
Rating: (0)



Functionality Overview

Current Features (Searching)

Engineering Cyber Resilient Weapons Systems CRWS-BoK

program protection] x Q

Refine your search...

Keyword Filter

Refine using Filters...

Search Filters

- > Topic (54)
- > User Rating (5)
- > Content Maturity (3)
- > Domain (3)
- > OPR (29)

Resources

Displaying results: 1-50 of 214 < 1 2 3 4 5 > CARD VIEW

Search term: program protection

Domain	Title	Version Date	Usability	Rating
>	DI-MGMT-81826 DID F/A-18 and EA-18 Aircraft / System Program Protection Implementation Plan	6/12/2018		☆☆☆☆☆ (0)
>	DAG, Chapter 9 Defense Acquisition Guidebook, Chapter 9, Program Protection	10/4/2017		☆☆☆☆☆ (1)
>	Document Streamlining - Program Protection Plan	7/18/2011		☆☆☆☆☆ (0)
>	DoD Program Protection	5/20/2014		☆☆☆☆☆ (0)
>	DoDI 5000.83 Technology and Program Protection to Maintain Technological Advantage	7/20/2020		☆☆☆☆☆ (3)
>	Program Protection Plan Evaluation Criteria	2/1/2014		☆☆☆☆☆ (0)
>	Program Protection Implementation Considerations	5/21/2014		☆☆☆☆☆ (0)
>	Program Protection Plan Outline & Guidance	7/18/2011		☆☆☆☆☆ (2)
>	System Security Engineering and Comprehensive Program Protection	10/30/2013		☆☆☆☆☆ (0)
>	Comprehensive Program Protection Planning for the Materiel Solution Analysis Phase	10/24/2012		☆☆☆☆☆ (0)



Functionality Overview

Current Features (Searching)

The screenshot shows the CRWS-BoK Portal search interface. At the top, there is a search bar containing the query "'usd(R&E)' or 'DASD(SE)'". Below the search bar, a 'Save Search' modal is displayed, showing a table of saved searches. The table has columns for Name, Description, Notifications, and Delete. The search results are as follows:

Name	Description	Notifications	Delete
DIDs		🔔 WEEKLY	🗑️ DELETE
Program Protection		🔔 WEEKLY	🗑️ DELETE
USD(R&E) or DASD(SE) resources		🔔 DAILY	🗑️ DELETE

At the bottom right of the table, it indicates '1-3 of 3' with navigation arrows.



Functionality Overview

Current Features (Resource)

The screenshot displays the CRWS-BoK portal interface. On the left, there are search filters including 'Resource Type (13)', 'Topic (100)', 'User Rating (4)', 'Domain (3)', and 'Copyright Details (2)'. The main content area shows search results for 'program protection'. A 'Details' window is open, providing instructions on how to use the annotation tools. The window includes a 'REPORT A PROBLEM' section with a 5-star rating and a 'HELP WITH ANNOTATIONS' section with a question mark icon. The 'How to Annotate' section explains that users can switch from 'view' to 'annotate' mode and lists the following keyboard shortcuts:

- H for Highlighter.
- U for Underline.
- K for Strikeout.
- G for Squiggly.
- N for a new Note.
- T for new Text Box.
- R for Rectangle Tool.
- F for Freehand Drawing.
- E for Eraser.

The window also provides instructions on how to download annotations as a PDF file and includes a note that annotations are not saved in the CRWS-BoK system.



Functionality Overview

Current Features (*Resource*)

The screenshot displays the CRWS-BoK Portal interface. On the left, there are search refinement options including a 'Keyword Filter' and 'Refine using Filters...' with categories like 'User Rating (5)' and 'Content Maturity (3)'. The main area shows a list of resources under the search term 'program protection'. A 'Details' modal is open for the resource 'DoDI 5000.83: Technology and Program Protection to Maintain Technological Advantage'. The modal includes a 'REPORT A PROBLEM' button, a star rating (3 stars), and tabs for 'VIEWER', 'DETAILS', 'RELATIONSHIPS', and 'REFERENCES'. The 'DETAILS' tab is active, showing the following information:

- Domain:** Laws / Authoritative Government
- Topic:** Test and Evaluation, Cyber Resiliency, PPP, Program Protection Plan, Systems Engineering
- Copyright Details:** Public Domain
- Resource Abstract:** Establishes policy, assigns responsibilities, and provides procedures for science and technology (S&T) managers and engineers to manage system security and cybersecurity technical risks from foreign intelligence collection; hardware, software, cyber, and cyberspace vulnerabilities; supply chain exploitation; and reverse engineering to: o DoD-sponsored research and technology that is in the interest of national security. o DoD warfighting capabilities. - Assigns responsibilities and provides procedures for S&T managers and lead systems engineers for technology area protection plans (TAPPs), S&T protection, program protection plans (PPPs), and engineering cybersecurity activities.
- Resource Asset Name:** Technology and Program Protection to Maintain Technological Advantage
- Resource Asset Number:** DoDI 5000.83
- Office of Prime Responsibility:**

OPR	OPR Short	URL
https://www.esd.whs.mil/Portals/54/Documents/DD/issuances/dodi/500083p.pdf?ver=2020-07-29-120425-050		
- Resource Version:**

Date Effective	Description of Version
7/20/2020	Original



Functionality Overview

Current Features (Resource)

The screenshot displays the CRWS-BoK Portal interface. On the left, there is a search sidebar with options to refine search by keyword and filters like 'User Rating' and 'Content Maturity'. The main area shows search results for 'program protection', with one result selected: 'Program Protection Plan Evaluation Criteria (DASD(SE))'. A 'Details' modal is open over this result, showing its title, ID (DASD(SE)), and version (2/1/2014 - 1.1). The modal includes a 'REPORT A PROBLEM' button and tabs for 'VIEWER', 'DETAILS', 'RELATIONSHIPS', and 'REFERENCES'. The 'RELATIONSHIPS' tab is active, displaying a network graph. A 'How to Use' tooltip is overlaid on the graph, explaining the legend and graph interaction. The legend includes 'Origin' (green star), 'BOKTopic' (orange circle), and 'OfficeOfPrimeResponsibility' (purple circle). The graph shows various nodes connected by lines, representing relationships between different assets. A 'Legend' panel is also visible, listing topics like 'PPP (16)', 'Program Protection Plan (17)', 'AT (11)', 'Cyber Resiliency (19)', and 'Anti-Tamper (11)'. The background shows a list of other resources, including 'DI-MGMT-81826' and 'Engineering Cyber Resilient Weapon Systems'.



Functionality Overview

Current Features (*Resource*)

The screenshot displays the CRWS-BoK Portal interface for document DI-SESS-81628, titled "Reliability Test Report" (2/18/2020 - B2). The interface includes a search bar, a "Details" view, and a "REFERENCES" section. The "REFERENCES" section is divided into "Referenced By" and "Referenced From" sub-sections, each containing a table of references. The "Referenced By" table lists references from "DoD Cybersecurity Test and Evaluation G" (5/31/2021) and "Defense Acquisition Guidebook" (6/1/2021). The "Referenced From" table lists a reference from "Engineering Corps Product Watson Systems" (6/1/2021). The "External" section is also visible, showing a reference from "Cybersecurity" (6/1/2021). The interface includes a "REPORT A PROBLEM" button, a "HELP WITH ANNOTATIONS" button, and a "Rows per page" dropdown menu.

Placeholder Data Only



Functionality Overview

Current Features (*Usability Testing*)

The screenshot displays the CRWS-BoK Portal interface. At the top, there is a search bar with the text "Search 486 curated CRWS resources for that perfect reference." and a magnifying glass icon. Below the search bar is a navigation menu with the following sections:

- Search Tools**: Guided Search
- My Resources**: My Favorites, My Saved Searches
- Testers**: Submit Feedback
- User**: Edit Profile, Manage Notifications
- Contact Us**: Nominate a Resource, Contact

A "Feedback" survey overlay is prominently displayed in the center of the page. It features the CRWS-BoK logo and the text: "Help us improve your experience by filling the survey here." The background of the portal is a dark blue grid with various gear and circuit motifs.



Functionality Overview



Current Features (*General*)

Sitemap

Main Pages

- [Home](#)
- [Login](#)

User Settings and Resources

- [Profile](#)
- [Notifications](#)
- [Subscriptions](#)
- [Favorites](#)
- [Saved Searches](#)
- [Password Reset](#)

Contact Us

- [Nominate a Resource](#)
- [Contact Us](#)

Site Information

- [About](#)
- [FAQs](#)
- [Copyright](#)

CLOSE

Accessibility Information

The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-BoK) is committed to making its portal page and electronic resources accessible to individuals of all abilities. Our success is measured by meeting or exceeding the requirements of Section 508 of the Rehabilitation Act (29 U.S.C. § 794(d)), as amended by the Workforce Investment Act of 1998 (Public Law 105-108). Section 508 requires that all individuals with disabilities (whether federal employees or members of the general public) have access to and use of information and data, comparable to that provided to individuals without disabilities, unless an undue burden would be imposed on us. More information about Section 508 may be found <https://www.section508.gov/manage/laws-and-policies/>

If you use assistive technology (such as a screen reader, eye tracking device, voice recognition software, etc.) and have difficulty accessing information on this website, please use the DOD CIO [Accessibility/Section 508](#) site to report the difficulty. You will be asked to provide the URL (web address) of the material you tried to access and a description of the problem you experienced.

The majority of our resource documents are viewed as Portable Document Format (PDF) files. To view documents stored as PDF files, your local computer must have the Adobe Acrobat Reader DC application, or a Web browser plug-in that supports the PDF file format.

Download the [Adobe Acrobat Reader DC](#)

As the technology of the Internet evolves, we share the ongoing task of learning how to improve the accessibility of our resource documents and our services with you. We welcome your comments for improving the accessibility of our web assets and services. Please share your comments, questions, or concerns related to accessibility or our Section 508 Program with info@crws-bok.org.

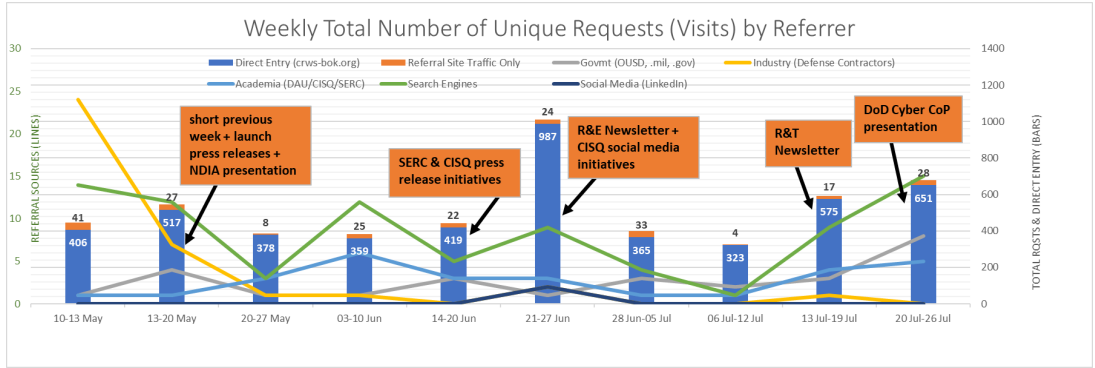
CLOSE



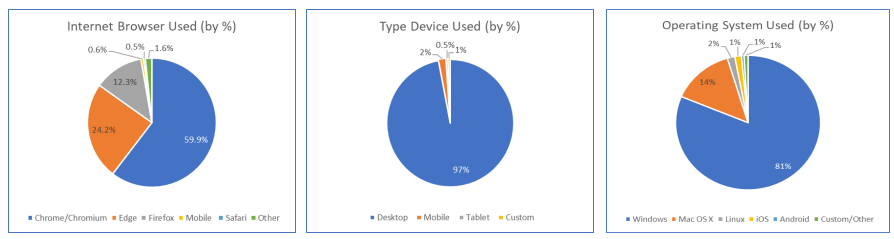
Impact Indicators

- The numbers of visits, top referrer sites, and user environment statistics are assessed weekly to determine impacts of outreach efforts and reach to targeted user groups, as well as compatibility of current and planned releases with users' preferred system configurations
- Indexing the data with outreach events helps gauge the effectiveness of outreach efforts and helps shape ongoing initiatives
- Regular usability testing and feedback collection contribute to capability development and interface improvements geared specifically to community needs

Performance Metrics



User Environment Metrics





Outreach: CTO.mil



Updates from Across the R&E Enterprise

DoD Announces New Cyber Resilient Weapon Systems Body of Knowledge Portal
May 6, 2021

The Strategic Technology Protection and Exploitation (STP&E) Office in the Office of the Under Secretary of Defense for Research and Engineering announces the launch of the Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok) Portal.

CRWS-BOK PORTAL

DoD Announces New Cyber Resilient Weapon Systems Body of Knowledge Portal

The Strategic Technology Protection and Exploitation (STP&E) Office in the Office of the Under Secretary of Defense for Research and Engineering announces the launch of the Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok) Portal.

The CRWS-Bok Portal provides a comprehensive repository of authoritative guidance and knowledge for science and technology (S&T) professionals who specialize in cyber resilient weapon systems. Engineers, S&T program managers, and researchers from Department of Defense (DoD), government, industry, and academia will be able access, search, annotate, save, and share the engineering information they need to develop, maintain, and monitor secure, cyber resilient weapon systems programs.

STP&E's Resilient Systems directorate, under the leadership of Resilient Systems Director Melinda Reed, designed and developed the CRWS-Bok Portal. Resilient Systems will continually update the Portal with curated guidance so that it remains a living, informative resource.

Resilient Systems partners with engineers, S&T managers, and researchers from across DoD, Federal Government, industry, and academia to foster assured resilient missions, systems, and components. Resilient Systems' initiatives leverage best practices and foster innovation that enables the Nation's S&T workforce to engineer cyber resilient weapon systems that can successfully operate in the face of cyber threats.

For additional information and to register for an account, access the CRWS-Bok Portal at <https://crws-bok.org>. The site is optimized for Chrome, Firefox, Edge, and Safari browsers.

Search the USD(R&E) Enterprise

USD(R&E)
Office of the Under Secretary of Defense, Research and Engineering (USD(R&E))
The Pentagon, Washington, DC 20301

Web Policy
DoD No FEAR Act
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Web Policy
Accessibility/Section 508

USD Links
USD (Acquisition & Sustainment)
USD (Policy)
USD (Personnel & Readiness)
USD (Comptroller)
USD (Intelligence)

Other Links
DoD Science Blog
DoD Science & Technology
USA.gov
Federal Register
DefenseLink
DoD Inspector General

The Official account for the Office of the Undersecretary of Defense for Research and Engineering (USD(R&E), the Department of Defense's Chief Technology Officer (CTO).

Tweets by @DoDCTO

DoD CTO @DoDCTO
#DoD launches new Cyber Resilient Weapon Systems Body of Knowledge Portal to provide a living, comprehensive repository of curated guidance & knowledge for #science & #technology engineers, managers, & researchers. Check it out at crws-bok.org #cyber #cybersecurity



Outreach: Defense Acquisition University



https://www.dau.edu/tools/t/Cyber-Resilient-Weapon-Systems-Body-of-Knowledge-(CRWS-BoK)-Tool

CRWS-BoK Tool Hub page

DAU OPERATING STATUS: FULLY OPERATIONAL

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Defense Acquisition University / Tools Catalog

Cyber Resilient Weapon Systems Body of Knowledge (CRWS-BoK) Tool

Updated 5/6/2021

[Launch Tool](#)

★★★★★ *5 stars out of 5 based on 2 user ratings.*

The CRWS-BoK provides a living, curated, authoritative guide to the most relevant and important knowledge needed to advance the engineering of secure and cyber resilient weapon systems. The CRWS-BoK will benefit engineers, program managers, science and technology managers, and researchers from DoD, government, industry, and academia.

Primary features include:

- A comprehensive, continuously updating repository of curated engineering information to produce cyber-secure, cyber-survivable, and cyber resilient weapon systems, and
- A powerful viewing environment that enables users to efficiently and easily access, search, annotate, save, and share the engineering information they need for both individual and collaborative purposes to produce cyber-secure, cyber-survivable, and cyber resilient weapon systems.

For additional information and guidance, access the CRWS-BoK at <https://crws-bok.org> (optimized for Chrome, Firefox, Edge and Safari browsers).

ENGINEERING CYBER RESILIENT WEAPON SYSTEMS CRWS-BoK

COMMENTS

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FEEDBACK

DAU
9820 Belvoir Road Fort Belvoir, VA 22060
f t in

CONTACT US
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Email DAUHelp@dau.edu

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*Some documents on this site require you to have a PDF reader installed. This can be downloaded here.



Outreach: SERC

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The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-BoK) provides a living, curated, authoritative guide to the most relevant and important knowledge needed to advance the engineering of secure and cyber resilient weapon systems. The CRWS-BoK will benefit engineers, program managers, science and technology managers, and researchers from DoD, government industry, and academia.

Primary features include: a comprehensive, continuously updating repository of curated engineering information to produce cyber-secure, cyber-survivable, and cyber resilient weapon systems and; a powerful viewing environment that enables users to efficiently and easily access, search, annotate, save, and share the engineering information they need for both individual and collaborative purposes to produce cyber0secure, cyber survivable, and cyber resilient weapon systems.



The International Council on Systems Engineering (INCOSE) is a not-for-profit membership organization founded to develop and disseminate the interdisciplinary principles and practices that enable the realization of successful systems. INCOSE is designed to connect SE professionals with educational, networking, and career-advancement opportunities in the



Outreach: CISQ

Twitter

CISQ @it_cisq · Jun 22

The @DoD_CIO Announces New Cyber Resilient Weapon Systems Body of Knowledge Portal: The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok)

Learn more and access the resource here: bit.ly/35icxqu

#DoD #CyberSecurity #CyberResilience #SoftwareQuality #CRWSBOK

NEW RESOURCE FROM THE DOD: Cyber Resilient ...
The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok) provides a living, curated, ...
blog.it-cisq.org

LinkedIn

<https://www.linkedin.com/company/consortium-for-it-software-quality>

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CISQ Consortium for Information & Software Quality (CISQ)
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The DoD Announces new Cyber Resilient Weapon Systems Body of Knowledge Portal, CRWS-Bok.

The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok) provides a living, curated, authoritative guide to the most relevant and important knowledge needed to advance the engineering of secure and cyber resilient weapon systems.

Learn more and access the resource here: <https://bit.ly/35icxqu>

#DoD #CyberSecurity #CyberResilience #SoftwareQuality #CRWSBOK

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2 Likes

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CISQ Consortium for Information & Software Quality (CISQ)
552 followers
2w

Is your software robust, efficient, and secure?

Join **CAST's** Technical Director, Rafael Gal, and CISQ's Director of Government and Industry Programs, Paul Bentz, on July 6th, who will discuss the new ISO 5055 standard, the first of its kind.

Register below 📍

Spain: 10:00-11:00am CET, 5:00-6:00pm CET <https://bit.ly/34YrSwj>

Latin America: 5:00-6:00pm CET <https://bit.ly/3zIXRES>

#ISO5055 #SoftwareQuality #CISQ #CAST

Website

CISQ
Consortium for Information & Software Quality™

BLOG

RECENT POSTS

NEW RESOURCE FROM THE DOD: Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok)
The DoD Announces New Cyber Resilient Weapon Systems Body of Knowledge Portal (CRWS-Bok), read the press release here.
The Cyber Resilient Weapon Systems Body of Knowledge (CRWS-Bok) provides a living, curated, authoritative guide to the most relevant and important knowledge needed to advance the engineering of secure and cyber resilient weapon systems.
The CRWS-Bok will benefit engineers, program managers, science and technology managers, and researchers from DoD, government, industry, and academia.
Primary features include:
• A comprehensive, continuously updating repository curated engineering information to produce cyber-secure, cyber survivable, and cyber resilient weapon systems.
• A powerful viewing environment that enables users to efficiently and easily access, search, annotate, save, and share the engineering information they need for both individual and collaborative purposes to produce cyber-secure, cyber survivable, and cyber resilient weapon systems.
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ARCHIVES

June 2021
January 2021
December 2020
November 2020
June 2020
March 2020
February 2020
October 2019

ENGINEERING CYBER RESILIENT WEAPON SYSTEMS CRWS-BOK

<https://blog.it-cisq.org/2021/06/new-resource-from-the-dod-cyber-resilient-weapon-systems-body-of-knowledge-crws-bok.html>



Contact for Further Information



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Acceptance Criteria



- Minimum Acceptance Standards:

- ✓ The artifact must be available at no cost online.
 - *There is no cost for users to access the CRWS-BoK; it is for educational purposes only.*
 - *The CRWS-BoK cannot circumvent or infringe upon those who own the commercial rights to the artifact. Subsequently, contingent upon copyright permission and acceptance into the repository, no further distribution or production is authorized without the user individually requesting copyright permission from the artifact's author or publisher.*
- ✓ Only materials that are both unclassified and approved for public release (unlimited distribution) are acceptable.
 - *The CRWS-BoK is unclassified and with unlimited access.*
 - *Materials that are unclassified but with limited distribution may be nominated, but will not be contained in the repository. A reference only (title/limited attributes) will be included, with a source link for the user to request access to the material/artifact.*
 - *No classified material at any time will be included in or referenced by the CRWS-BoK.*
 - *No foreign, sovereign-owned material that is not available for public release may be nominated.*
- ✓ Both published and unpublished materials are acceptable; while those materials that are in draft, review, or other unapproved form as part of an approval process are not acceptable.
 - *Material that is premature, in draft, and would not be appropriate to include until approved for release [e.g., standards, handbooks, guidance that come from a formal body (ISO, INCOSE, IEEE), government (DoD, NIST), or industry (RCTA)]. Also unacceptable would be material for textbooks or similar class materials or handouts.*
 - *Material intended for formal acceptance by such a governing body should not be accepted in the CRWS-BoK while it is in draft, review, or other unapproved form.*

- Quality Criteria:

- ✓ The artifact must support the overall CRWS-BoK goal of advancing the general education and practice of engineering secure, survivable, & resilient weapon systems.

- Topics of Interest:

- ✓ The artifact should exhibit specific “engineering consumability” characteristics and pertain to at least one of the following CRWS topic areas:
 1. *Requirements analysis*
 2. *System design*
 3. *Design patterns*
 4. *Systems thinking*
 5. *Control systems*
 6. *System analysis of adverse effects & associated losses*
 7. *Threat identification, assessment, & tracking*
 8. *Vulnerability identification, assessment, & tracking*
 9. *Hardware development & assurance*
 10. *Software development & assurance*
 11. *Risk, issue, & opportunity identification & assessment*
 12. *System & architecture modeling*
 13. *Engineering methods, processes, & tools*
 14. *Engineering workforce education, training, & skillsets*
 15. *Engineering standards, specifications, handbooks, & guidance*



Nomination/Review Process

