How to use the U.S Department of Homeland Security’s CSET Tool

CSET is a registered trademark owned by the U.S. Department of Homeland Security

https://ics-cert.us-cert.gov/Downloading-and-Installing-CSET

What Is The CSET?

- Free cyber security self-assessment tool created by the Department of Homeland Security that will help determine alignment with the NIST 800-171 security controls as specified by DFARS 252.204-7012
- To be effective it should be completed by cross function team, subject matter experts (SME)
  - Operational (work day to day with the systems)
  - Maintenance (fix, update, modify, etc. the systems)
  - Information Technology (configure, create accounts, troubleshooting, etc. the systems)
  - Business
  - Security
- This tool will help create these two Reports
  - System Security Plan (SSP)
  - Plan of Action and Milestones (POAM)
Use the links/tabs provided on the CSET Tool for additional resource documents to assist you.

**STEP 1**

1. Open Application
2. Select “Start Here”

Press “Tools”

Select “Manage Questionnaires”

Name the Questionnaire “DFARS QUESTIONS”

Press “Create Questionnaire”

Manage your Custom Questionnaires

This tool allows you to define your own custom subset of questions for an assessment. Questions may be chosen from any currently defined standard in the existing Cybersecurity standards used by the CSET tool. To begin, start a new questionnaire by adding a name or select an existing questionnaire you would like to change. You can also import an existing questionnaire file (.cstc).

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Step 2

Choose A Base Standard

Select the question sets from which you will define your question subset. After selecting one or more industry Standards created by cybersecurity experts continue to the next page to define the subset.

<table>
<thead>
<tr>
<th>Search</th>
<th>Sort By</th>
<th>Standard Name (A-Z)</th>
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<tbody>
<tr>
<td>1. NIST 7628 Guidelines for Smart Grid Cyber Security: Vol. 1 Rev 1</td>
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<tr>
<td>2. NIST Special Publication 800-53 Rev 3</td>
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<td>3. NIST Special Publication 800-53 Rev 4 App J</td>
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<td>4. NIST Special Publication 800-53 Rev 3 App J</td>
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<td>5. NIST Special Publication 800-82</td>
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<td>6. NIST Special Publication 800-82 Rev 1</td>
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<td>7. NIST Special Publication 800-82 Rev 2</td>
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<tr>
<td>8. NIST SP 800-161 Supply Chain Risk Management</td>
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<td>10. NCI 08-09 Cyber Security Plan for Nuclear Power Reactors</td>
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<td>11. NRC Regulatory Guide 5.71</td>
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<td>12. DoD Instruction 8510.01</td>
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<td>13. Cybersecurity Capability Maturity Model (C2M2)</td>
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<td>14. NIST Special Publication 800-171</td>
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<td>15. Control Correlation Identifier Specification V2 release 0.1</td>
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<td>16. Key Questions</td>
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<td>17. Universal Questions</td>
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</tbody>
</table>

Select Standards from list

- 800-171
- 800-53 R4

Press “Continue”
Step 3

Select all required controls 800-171 (3.*.*), NFO, CUI

Select “Continue”

Reference 800-171 Appendix -E all NFO & CUI on 800-53
Step 4

Complete Your Questionnaire

Your custom questionnaire is almost complete. The final step is to add a brief description for your questionnaire to help others know what your questionnaire is all about. You can also export your questionnaire to a file. Exporting a Questionnaire file allows you or others to import and use your questionnaire in other installations of CSET.

You will find your new questionnaire during the assessment preparation process on the Standard selection screen. Your questionnaire will display as a recommended Standard in the Custom group. Your description will appear in the details section.

Please enter a brief description for your custom questionnaire:

Export Questionnaire as a File

Press “Save and Close

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Step 5

**Site Information**

Please enter information about your assessment, including the assessment name and date. The facility and contact information sections are optional. DOD customers should complete the DOD eMASS section.

- **Assessment Name**: Untitled Assessment 1
- **Assessment Date**: 2/17/2017
- **Facility Name**
- **City or Site Name**
- **State, Province, or Region**

**Optional DOD eMASS Specific Information**

- **Assessor Name**
- **Assessor Email**
- **Assessor Telephone**

**Contacts**

- **Add the contacts the employees that help on the creation of the SSP)** / owners / consultants

Press “Continue”
Use the links/tabs provided on the CSET Tool for additional resource documents to assist you.

**Step 6**

Do Not Select Any, Uncheck all boxes
Press “Continue”

**Step 7**

Press “Create Network Diagram”
- Create Diagram
- For How to, use the help tab
Press “Continue”

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Step 8

Select "Advance"
Select "Question-based Approach"

Step 9

Select Moderate “Standard SAL Selection”
Press “Continue”

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**Step 10**

Select “DFARS QUESTIONS”

Press “Continue”
Step 11

FOR QUESTIONS THAT WILL REQUIRED PLAN OF ACTION AND MILESTONES (POA&M)

Select “No”
Select “Override”
Select “Alternate Response”
Add the information below to the Alternate response area;

Point of Contact:
Steps to compliance:
Schedule Completion Date:
Milestones:
Comments:

OR

Use Next Page Instructions
FOR QUESTION CONSIDERED NOT APPLICABLE (N/A) OR ALTERNATE SOLUTION IN PLACE

Select “No” Or “Non-Applicable”

Select “Override”

Select “No” ALTERNATE SOLUTION IN PLACE

OR

Select “N/A” NON-APPLICABLE

Enter Solution description or non-applicability reasoning on “Comments” Section

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Step 12

After completing all the question go to report builder
- Check “Security Plan”
- Check “Detail Report”
- Check “Alternate Justification Comments”
- Check “DOCX”
- Press “Create Report”

Wait for report to be created
Open Report and modify as needed

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