The Cyber Security Evaluation Tool

The Cyber Security Evaluation Tool (CSET®)/The Cyber Security Evalua on Tool (CSET®) is a software tool for conducting cyber security assessments of enterprise and industrial cyber management systems. The Cybersecurity Assessment Tool is a product of the Cybersecurity & Infrastructure Security Agency (CISA) that helps organizations protect their key national cyber assets.

CSET was designed to help asset owners identify vulnerabilities and improve an organization's overall cybersecurity posture by guiding them through a series of questions that represent network security requirements and best practices. The requirements questionnaires presented are based on selected industry standards, general requirements, and network design (or network topology and architecture). CSET includes both general and detailed questions related to all industrial control systems and IT systems.

The basic framework for CSET includes:

- Analysis and user interface tools to assist in the assessment of industrial control systems (ICS) and information technology (IT) network security.;

- Knowledge base on ICS cybersecurity requirements, regulations and practices;

- A collection of solutions for mitigating vulnerabilities.

Before using the assessment tool, two preliminary tasks must be completed: (1) form a panel of experts and (2) gather network/architecture documentation and related information.

System requirements

- System requirements for local installation

It is recommended that users meet the minimum system hardware and software requirements before installing CSET. This includes:

- Pentium 2.2 GHz dual-core processor (Intel x86 compatible)
- 6 GB of free disk space
- 4 GB of RAM
- Microsoft Windows 10 or later
- Microsoft .NET 7 Runtime (included in CSET installation)
- Microsoft ASP.NET Core 7 Runtime (included in CSET installation)
- Microsoft SQL Server 2022 LocalDB (included in CSET installation)

- System requirements for corporate installation

It is recommended that users meet the minimum system hardware and software requirements before installing CSET. This includes:

- Pentium 2.2GHz dual-core processor (Intel x86 compatible)
- 8 GB of free disk space
- 4 GB of RAM
- Microsoft Windows Server 2016 Edition or higher is recommended
- Microsoft .NET 7 Runtime
- Microsoft ASP.NET Core 7 Runtime

- Microsoft SQL Server 2022 or higher is recommended
- Internet Information Server (IIS) or Kestrel

Documentation and program releases

Online Tutorials Find the latest CSET tutorials on YouTube: https://www.youtube.com/channel/UCpUCK2ScvdCkUdEl0Z_3N0A

What is CSET? CSET Review

https://www.youtube.com/watch?v=B3xAh4iSRO0

How to use CSET? Detailed CSET video

https://www.youtube.com/watch?v=ELbvQTl4xmU

Documentation and program releases:

https://github.com/cisagov/cset/releases/

https://github.com/cisagov/cset/blob/main/docs/README.md

It is possible to DOWNLOAD the Ukrainian localization version of the program by filling out the application form:

LINK to the application form:

https://forms.gle/Trw2C7upuYSiVj3C6

* User Guide (General Guide) – included with the program, and available after installing the program, in the Help/User Guide section of CSET.