

Vulnerability Severity

Task

1h40m - 2h

✓ Status

Incomplete

Picture This:

It is Tuesday, 3pm. You are suddenly alerted to a weakness in one of the systems your organization uses. Your heart sinks. Your mind races. Not a great feeling, right?

Once your mind finishes dealing with the shock of this new information, your next question is going to be **‘how bad is it?’**.

A very valid question, and one this exercise aims to help you answer.

About the CVSS

As a Cyber Security professional, you will need to measure how detrimental a given vulnerability can be to your organization, determine how bad things can get if a bad actor exploits the vulnerability, and understand the relative severity of the vulnerability within your unique situation. There are a variety of methods and tools to support you in doing this.

One of the premiere tools used in the security industry for determining the severity of any given vulnerability is the [Common Vulnerability Scoring System \(CVSS\)](#), owned and managed by First.org.

Exercise

First.org provides a free course called “Mastering CVSS” to help you navigate the scoring system.




Follow the instructions below to complete the "Mastering CVSS" course.

Register

Go to [First.Org's First Learning](#) and sign up for a free account, if you don't already have one.

Complete the Course


Enroll in the most current version of the “Mastering CVSS” course and complete all activities.

 The estimated completion time for this course is two hours.

Participate

Once you have successfully completed the course, make some notes about:

- Key takeaways you’ve identified from the course
- Remaining questions you have about navigating the CVSS
- Your answers to the real world case studies and project work

 Keep your notes and questions on hand when you join the lecture. You will have an opportunity during the lecture to share your thoughts.

Conclusion

By the end of this exercise, you should have a good understanding of how to use a CVSS calculator to determine the severity level associated with a given vulnerability. To consolidate your understanding, you will see a further demonstration of this during the lecture time dedicated to this topic.

✓ Mark Completed

←

Common Vulnerabilities and Exploits (CVE) List

Previous

Next

Security Vulnerabilities Scenarios with AI

→

How well did this activity help you to understand the content?
Let us know how we're doing



W05D2

Tue Jul 23

› Outline & Notes (1)

› Lectures (1)

✓ Work (10)
10 hrs

- ⌕ Project: Risk Management Case Study
- ⚡ Risk Management Case Study Presentation



 [Regulatory Drivers & Cyber Security Compliance](#)

 [Cyber Security Regulations Presentation](#)


 [Course Reflection](#)



 [Overview - Vulnerability Assessment](#)

 [Vulnerability Concepts](#)

 [Common Vulnerabilities and Exploits \(CVE\) List](#)

 [Vulnerability Severity](#)

 [Security Vulnerabilities Scenarios with AI](#)

> Other (1)

[W05D2 Schedule »](#)