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#### Introduction

Vulnerability assessment introduces structured approaches to finding and pricing weaknesses. Day 5 discussed the lifecycle of vulnerability discovery, tracking, and remediation planning.

#### Key Concepts Discussed

We explored vulnerability databases (CVE), scoring frameworks (CVSS), and how to interpret scores to prioritize remediation. The distinction between a vulnerability and an exploit was emphasized.

#### Lab Preparation in Theory

Students were guided through conceptual workflows for configuring automated scanners in a safe environment, tuning rules to reduce false positives, and integrating findings into ticketing or reporting systems.

#### Practical Understanding (Theory)

We discussed validating scanner findings manually and how to assess exploitability and impact. The necessity of coordination with system owners when critical vulnerabilities are found was underscored.

#### Key Takeaways

Automated tools speed discovery but require human validation. Prioritization based on exploitability and business impact drives effective remediation.

#### Conclusion

Next we will delve into web application security concepts, an area with many vulnerabilities.