8-2 Cyber Playbook Submission

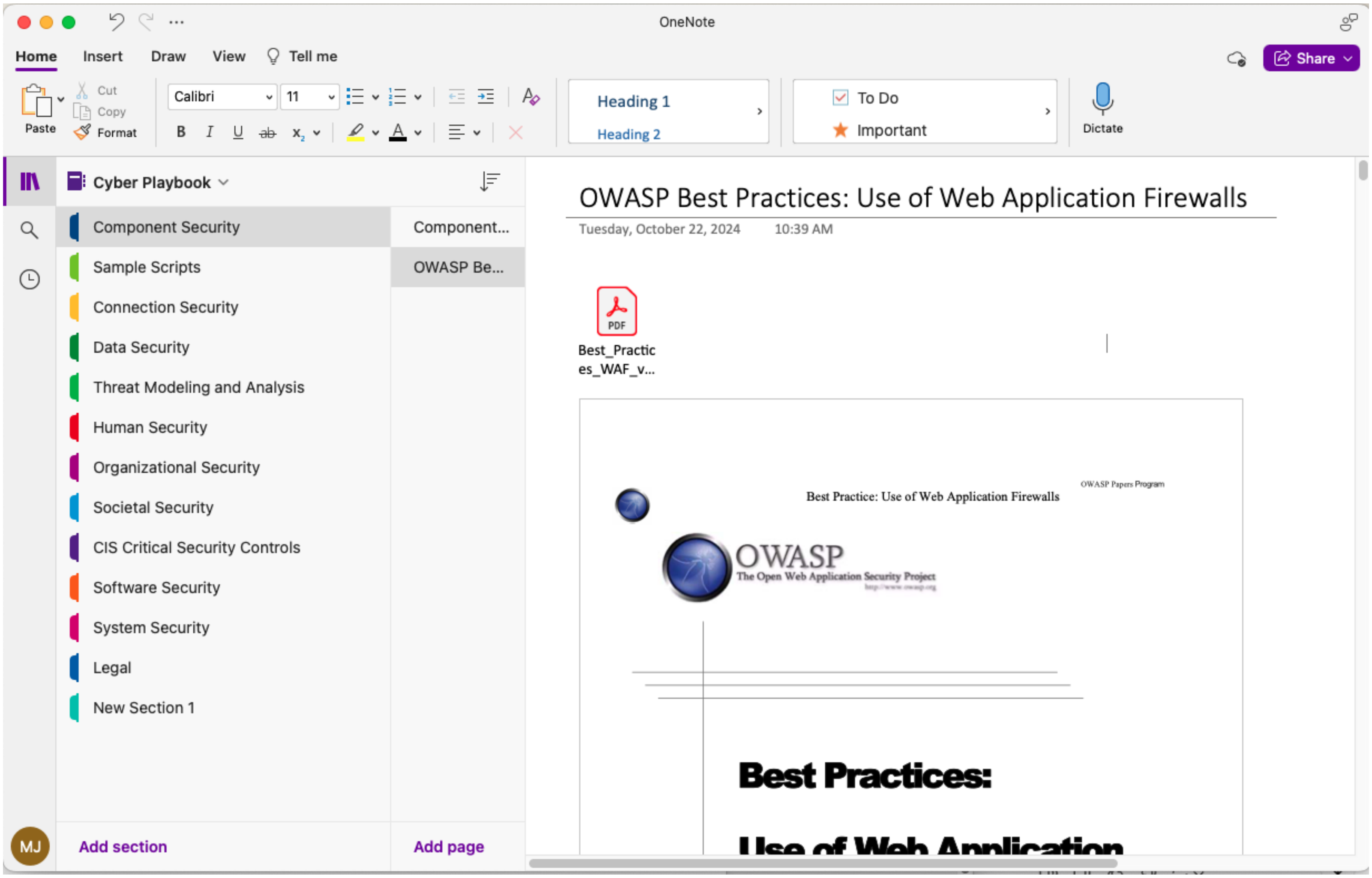
Joshua Merren

Southern New Hampshire University

CYB-310-13414-M01 Network Defense

Professor Megan Buckner

22 October 2024



OWASP Best Practices: Use of Web Application Firewalls

Tuesday, October 22, 2024 10:39 AM

OWASP Papers Program

Best Practice: Use of Web Application Firewalls

OWASP
The Open Web Application Security Project
http://www.owasp.org

Best Practices:

Use of Web Application

In our cyber playbook, I find the "OWASP Best Practices: Use of Web Application Firewalls" section handy for me now and in the future. This part discusses how to set up and use web application firewalls (WAFs), which are essential for protecting websites from online threats and hacks. WAFs are great because they check and control the data from a website, helping to block harmful content and prevent attacks.

Understanding how to use WAFs is crucial because the number of cyber attacks is going up as more businesses and services move online. Following the OWASP best practices is not just about learning, it's about gaining practical knowledge on the best ways to set up these firewalls to make them as effective as possible. This knowledge is not just theoretical; it's something I can apply directly to protect a company's website, making me feel empowered and capable in the face of cyber threats.

Considering how common problems like hacking attempts and data theft are, knowing how to defend against them using WAFs is very important. This section is precious as I plan to focus on network security in my career. It offers clear and practical advice on managing and fixing issues with web application firewalls. By understanding these best practices, I'm better equipped to keep websites safe and secure in any job I take on in the future.