

Meeting Start: **5:32 PM**

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- Web Vulnerabilities
 - **Full Slideshow w/ detailed descriptions + examples in Discord**
 - Broken Authentication / Access Control
 - Definition(s)
 - Broken Authentication - allows attackers to bypass authentication
 - Broken Access Control - allows attackers to access things they shouldn't
 - Prevention
 - Deny by default
 - Disable web server directory listing
 - Log access control failures
 - Implement stateful session identifiers + invalidate them on logout
 - Example
 - Command Injection
 - Definition
 - Execution of arbitrary commands on web server via web app
 - Prevention
 - Filter + Sanitize user input
 - Escape / filter special characters
 - Example
 - Cross-Site Scripting (XSS)
 - Definition(s) + Types
 - Reflected - injected script reflected off web server
 - Stored - injected script stored on target server
 - Prevention
 - Sanitize user input
 - Encode data on output
 - Use appropriate response headers
 - Example
- OverTheWire Natas Exercises
 - Focuses on Server-side Web Security
- NCAE Competition
 - If interested, communicate with President Thomas
 - February 17th, 2025

Meeting End: **6:00 PM**