

filename:comptia-secplussy0601-1-7-application_attack_system_resources

Showname: Security+ \ (SY0-601\)

Topic: Threats, Attacks and Vulnerabilities

Episode: Application Attacks - System Resources

Learner Objectives:

Given a scenario, analyze potential indicators associated with application attacks.

Description: In this episode, the viewer will identify application attacks that can cause system resource issues such as resource exhaustion, memory leaks, driver manipulation, integer overflows, race conditions and pointer dereferencing.

- * Resources and Memory

- + Resource Exhaustion

- + Memory Leak

- * Dan tee up demo \ (So if we think there is resource exhaustion, what would we see?)

- * Driver Manipulation

- + Shimming

- + Refactoring

- * Integer Overflow

- * Race Condition

- + Processes could be trying to access the same resource \ (think to the old days of IRQs)

- + Show System Information and IRQs \ (What happens to two processes trying to use the same IRQ?)

- * Demo - Show System Information \ (IRQs and memory assignments)

- * TOC/TOU

- * Pointer/object dereference