

## **First Things First**

- What You Should Know
- Installation Changes You Should Be Aware of
- z990/890
  - This isn't the same as the previous crypto hardware!!
- ICSF Migration
- Application Migration

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Generally the exploitation is for improvement of RSA function

- SSL the decrypt/encrypt of a symmetric key value using a clear key value stored external to ICSF data sets
- IPSec data privacy
- Very CPU-intensive operations
- Some exploitation of new CPACF for clear-key encrypt/decrypt
  - Very little via the hardware instruction set
  - Has impact to operational conditions
- z/OS and OS/390 Application Crypto software products
  - System SSL
  - Open Cryptographic Services Facility (CDSA APIs for applications)
  - PKCS 11 Toolkit
  - Cryptographic Drivers for Linux and Java

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