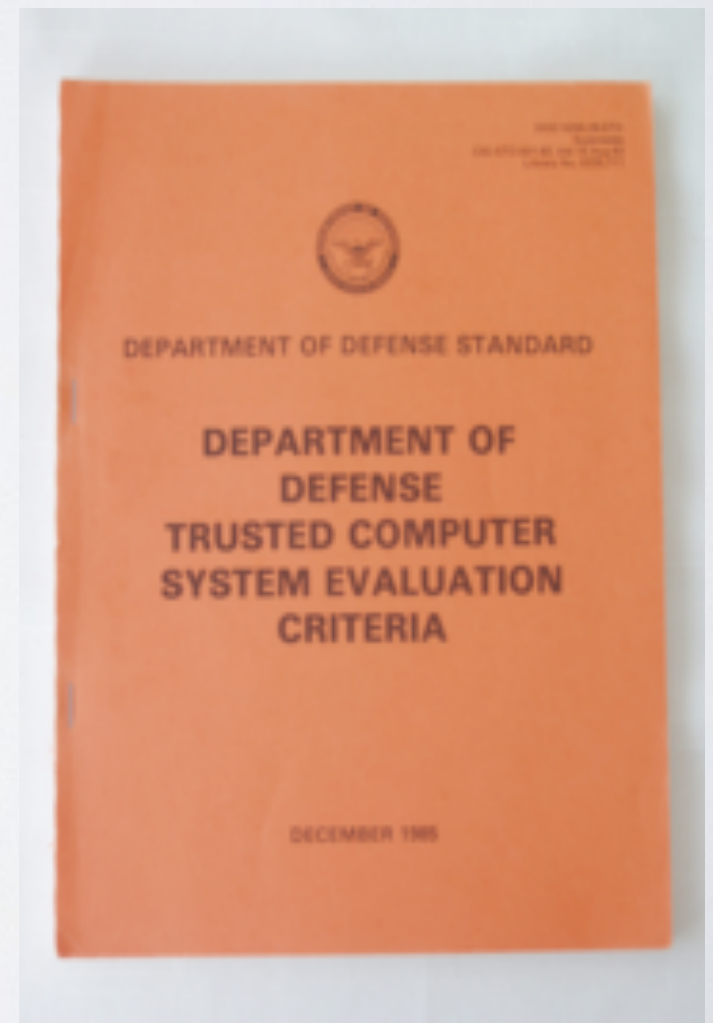# TCSEC - "The Orange Book" (1983-1999)

Objective - evaluate and classify computer systems (i.e. OS) regarding the storage, retrieving and processing of sensitive data

➡ Initiated by the US DOD in the 70's

DEPARTMENT OF DEFENSE STANDARD

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DEFENSE
TRUSTED COMPUTER
SYSTEM EVALUATION
CRITERIA

DECEMBER 1985

photo from Wikipedia

Governing principles

Introduce the concept of **policy**

- It must be explicit and enforceable by a computer system
- Two kind of policies are considered DAC and MAC

Introduce the concept of **accountability**

- Users must be identified and authenticated
- Each access must be logged