

TCSEC - security assurance classes (1991-2001)

Class D - minimal protection

- ➔ No security requirements

Class C - discretionary security protection

- ➔ Multi-user environment and data with different sensitivity levels

Class B - mandatory security protection

- ➔ Object labels, user clearance levels and multilevel security policy

Class A - verified protection

- ➔ Formal design and verification

The Common Criteria (since 1998)

Protection Profile - the functionalities and the security requirements of the product/system

➔ Written by the system consumer

Security Target - identifies the security properties

➔ Written by the software designer in response to the protection profile

Let's look at some protection profiles on
<http://www.commoncriteriaportal.org/pps/>