

Swedish Certification Body for IT Security
Scheme note 11 - Methodology for AVA_VAN 4 and 5

Schematolkning/Scheme Note

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Scheme Note Statement

Description and References

Purpose

The CEM v.3.1 rev3 does not contain any methodology for AVA_VAN.5, so CSEC has to provide guidelines how to evaluate AVA_VAN.5.

Background

The description of AVA_VAN.4 and AVA_VAN.5 in CC v3.1 rev3, Part 3, is identical except for the statement of the attacker's attack potential, i.e. at AVA_VAN.4 the TOE is resistant against attack potential "moderate", at AVA_VAN.5 the TOE is resistant to attack potential "high". The headline of AVA_VAN.5 in CC v3.1 rev3, Part 3, is "Advanced methodical vulnerability analysis", but in the actual text, a "methodical" vulnerability analysis is required, as is the case for AVA_VAN.4.

Conclusion

Evaluation of AVA_VAN.5 shall follow the methodology provided in the CEM for AVA_VAN.4, but considering that the TOE has to be resistant against an attacker capable of attack potential "high".

Please note that this interpretation only applies to the application of CC to evaluations containing AVA_VAN.5. There may be other relevant procedural requirements on such evaluations as well.