

IEEE P2600 Hardcopy Device and System Security Comments

Cl **PP-A** SC **9.1** P **18** L **12** #

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""Removing and transporting such a device outside of the TOE would potentially allow an attacker to analyze its content off-line. Re-inserting the device from outside of the TOE would potentially allow an attacker to introduce malicious content into the TOE.""

Comment Type **E** Comment Status **X**

Proposed Response Response Status **O**

The draft is not explicit enough about its definition of ""removable"". Specifically, there is some ambiguity about ""removed from the TOE"" (inside of environment) vs. ""removed from the environment of TOE"" (outside of environment).

In Table 22 (page 40), the definition of F.NVS is: ""Nonvolatile storage: a function that stores User Data or TSF Data on a nonvolatile storage device that is part of the evaluated TOE but is designed to be \*removed from the TOE\* by authorized personnel"". But in the introduction of NVS (clause 18.1, page 53), it says: ""... when such devices are \*removed from the protection of the environment of the TOE\*.""

This is apparently inconsistent.

*SuggestedRemedy*

On page 18 line 12, change from:  
""Confidentiality and integrity of stored data is important security functionality in the case where the storage  
13 container is not, or not always, in a protected environment.""  
to:  
""Confidentiality and integrity of stored data is important security functionality in the case where the storage  
13 container is not, or not always, in a TOE.""

On line 16, change from:  
""Especially when a disk is intended to be removable and therefore may be transported into an unprotected environment...""  
to:  
""Especially when a disk is intended to be removable and therefore may be transported outside of the TOE...""

On page 18 line 26, change from:  
""... cannot be assumed to be protected by the TOE environment.""  
to:  
""... cannot be assumed to be in the TOE.""

On page 53 line 7, change from:  
""... devices are removed from the protection of the environment of the TOE.""  
to:  
""... devices are removed from the TOE.""

On page 53 line 14, change from:  
""Removing and transporting such a device outside the protection of the environment of the TOE would potentially allow an attacker to analyze its content off-line. Re-inserting the device from outside of the protection of the environment of the TOE would potentially allow an attacker to introduce malicious content into the TOE.""  
to: