

Overview of selected KPN Security Policies

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Requirement	Disposal of SSDs or flash storage media (USB Sticks)
Description	<p>To dispose of data on a SSD or flash storage media the following methods are approved:</p> <ul style="list-style-type: none"> - Write a file the size of the disk volume to the disk; - If the SSD support the Secure Erase feature then this can be used; - Shredding of the storage medium; - Using KSP-compliant encryption for full disk encryption and afterwards overwriting the encryption key with random data.
ID	KSP-RE-451
Version	1.0
Date	December 11, 2017
Rationale	Cleaning of storage media

Requirement	Disposal of magnetic storage medium
Description	<p>To dispose of data on a magnetic storage medium, including tape, the following methods are approved:</p> <ul style="list-style-type: none"> - Zeroing all data from the first addressable byte until the last byte of the disk; - Degaussing of the disk; - Shredding of the storage medium; - Using KSP-compliant encryption for full disk encryption and afterwards overwriting the encryption key with random data.
ID	KSP-RE-452
Version	1.0
Date	December 11, 2017
Rationale	Cleaning of storage media

Requirement	Media cleaning
Description	All media carrying information must be completely and irrecoverably cleaned or destroyed before re-use or disposal.
Supplement	<p>To prevent information on re-used or disposed media being recovered and becoming exposed to unauthorized parties. Depending on costs and dependability of a cleaning solution the choice for either cleaning or re-use can be made.</p> <p>There is a large scale of potential information carrying media. They include but are not limited to:</p> <ul style="list-style-type: none"> - System media (hard drives, solid state disks, memory chips); - Disposable media (memory sticks, CDs, DVDs, etc.); - End user devices (phones, smartphones, tablets); - Customer premises equipment (Residential gateways, Set-up-boxes, Power Line Connectors). <p>It might not be possible, or too expensive, to irretrievably remove information. In such cases we might opt for destruction of the media or device instead.</p>
ID	KSP-RE-399
Version	1.0
Date	December 11, 2017
Rationale	Cleaning of storage media

Requirement	Destruction of old equipment
Description	Hardisks, external storage incl USB sticks, or memory of old equipment must be wiped or destroyed by a certified party before disposal or resale.
ID	KSP-RE-400
Version	1.0
Date	December 11, 2017
Rationale	Cleaning of storage media

Requirement	Disposal of magnetic disks assembled before 2001
Description	Any harddisk assembled before 2001 must either be shredded or degaussed. Any other method is not allowed.
ID	KSP-RE-450
Version	1.0
Date	December 11, 2017
Rationale	Cleaning of storage media