

# **Overview of selected KPN Security Policies**

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<b>Requirement</b>	<b>File sharing with third parties</b>
<b>Description</b>	Exchange of files with external parties must be done via a separate environment which has capabilities to check for malware and logs the information being exchanged.
<b>ID</b>	KSP-RE-454
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access

<b>Requirement</b>	<b>Virtual desktop restrictions</b>
<b>Description</b>	When connecting to a virtual desktop environment, direct file exchange between the local (in possession of the employee working from a remote location) and virtual environment is forbidden. This is applicable to local and removable media.
<b>ID</b>	KSP-RE-455
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access

<b>Requirement</b>	<b>Forced path</b>
<b>Description</b>	Measures must be taken to enforce a user to follow a layered connection setup. No other connections than needed and allowed must be possible.
<b>ID</b>	KSP-RE-456
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access

<b>Requirement</b>	<b>Remote access necessity</b>
<b>Description</b>	At least annually a justification must be given for remote access accounts of external parties.
<b>ID</b>	KSP-RE-457
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access
<b>Rationale</b>	Measures at the end of an employment relationship
<b>Rationale</b>	Authentication
<b>Rationale</b>	Central identity and access management
<b>Rationale</b>	Personal and digital identity
<b>Rationale</b>	Identity and access on the basis of necessity
<b>Rationale</b>	Responsibility for authorizations
<b>Rationale</b>	Logging

<b>Requirement</b>	<b>Stepping stones</b>
<b>Description</b>	When using remote access to perform maintenance on production systems (manual and/or in an automated matter), a stepping stone system must be used.
<b>ID</b>	KSP-RE-458
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access

<b>Requirement</b>	<b>Layered connection</b>
<b>Description</b>	Between authentication of the user, the (virtual) working environment and the production device, network filtering must be used.
<b>ID</b>	KSP-RE-459
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access
<b>Rationale</b>	Separating environments

<b>Requirement</b>	<b>Remote support connection duration</b>
<b>Description</b>	When remote support is needed on KPN devices, the lifetime of the connection must be limited to the time required to perform this support.
<b>ID</b>	KSP-RE-460
<b>Version</b>	1.1
<b>Date</b>	May 3, 2019
<b>Rationale</b>	Remote access



<b>Requirement</b>	<b>BGP Looking Glass facilities</b>
<b>Description</b>	As an exception to existing requirements a BGP Looking Glass facility can be open for public usage. The resulting account must be an unprivileged account, exclusively able to use the BGP debugging tools.
<b>Supplement</b>	<p>BGP Looking Glasses are made available for operators to debug their BGP configurations from a far side perspective.</p> <p>System hardening does still apply.</p>
<b>ID</b>	KSP-RE-775
<b>Version</b>	1.0
<b>Date</b>	August 9, 2019
<b>Rationale</b>	Remote access

<b>Requirement</b>	<b>Maintenance of services</b>
<b>Description</b>	<p>Technical management must be performed through a stepping-stone or a dedicated maintenance interface supplied by the cloud provider.</p> <p>Functional maintenance can be performed both through the technical management interface as per production interface. For functional maintenance, segregation of duties must be applied between normal user accounts and administrative accounts.</p>
<b>Supplement</b>	There is no separate interface, nor a blue zone, in various cloud solutions. Functional and technical management tasks can be located through the front-end interfaces.
<b>ID</b>	KSP-RE-776
<b>Version</b>	1.0
<b>Date</b>	August 9, 2019
<b>Rationale</b>	Remote access
<b>Rationale</b>	Public Cloud
<b>Rationale</b>	SaaS provider