

Country	Operator	Type of measure*	Description of the measure	Objective	Method of implementation (if applicable)	Number of subscribers having a subscription where this measure is implemented	How is the user informed?	Can the user activate/deactivate the measure? How?	Protection of business secret
Germany	EWE TEL	User's access is blocked/throttled, e.g. after having downloaded/uploaded a certain amount of data.	none						
Germany	EWE TEL	If you offer specialized services (e.g. facilities-based telephony and television over broadband as opposed to "over the top" applications), how does this affect the Internet access traffic on the same access	Facilities-based ip-telephony is marked with a higher precedence than Internet-traffic. In some circumstances, this reduces the available bandwidth on the access line off about 100 kbit/s per call (at a maximum of two calls).	To assure the functionality of the telephony-service.	Marking in the Class of Service Field (CoS, 802.1.p) and also on cbr (constant bit Rate) for an ADSL or VDSL NGN connection.	20 000 customers	The user is expecting this behaviour, otherwise an IP-telephone-call can be interrupted by e.g. an internet download.	No	
Germany	EWE TEL	Different priority levels within Internet access traffic	<i>Examples of measures that depend on the type of protocol or application (mail, video, web, etc.) accessed via Internet:</i> P2P file sharing is blocked/throttled	none					
Germany	EWE TEL		VoIP is blocked/throttled	none					
Germany	EWE TEL		Other specific kind of traffic (port, protocol, application, usage, etc) is blocked/throttled	port 25 for downstream traffic blocked in order to avoid mail server usage of the customer.	To assure that the customer equipment is not misused as a spam-device etc. to forward mail over Port 25	Port 25 can be opened upon customer request. 440.000 customers	no ex ante information	Activation is activated on request of user	
Germany	EWE TEL		Specific application/content provider (e.g. website or VoIP provider) is blocked/throttled	none					
Germany	EWE TEL		Specific type of over-the-top traffic given preferential treatment (e.g. specific content/application and/or specific application/content provider)	none					
Germany	EWE TEL	Restriction on the type of terminal allowed, or tiered pricing depending on the terminal used	Type of CPE is fixed in order to ensure realisation of services, esp. for emergency calls	To assure emergency calls over NGN based customers.	Includes all NGN-Based products (ADSL- and VDSL NGN, BK-Networks and FTTH products - System will be signaling calling number of customer	55.000 customers		Deactivation is not possible	
Germany	EWE TEL	Other relevant practice	To be completed with other types of measures - add as many lines as extra practices	none					

* If several effective measures fall in the same category, add one line per measure

Expected answer: Description of the measure, in terms of impact for the users

Reason(s) for the implementation of the measure (e.g. congestion management, network security, law enforcement, commercial terms)

How the measure is implemented (technically) and, if applicable, which conditions trigger it (e.g. threshold of data consumption). If the measure is not technically enforced, state: "N/A".

Number of subscribers to the packages where this measure is implemented

Quotation of the relevant contractual terms, plus any other type of information given to the user.

Yes' or 'No' If Yes, specify how, technically (which actions have to be taken by the user) and commercially (free/paying option).

If some information in a specific row is considered confidential, please mention precisely which parts should not be individually disclosed, and why. Reminder: in any case, all information is subject to publication, at least in a form that will be anonymous (generally aggregate).

ISP only

Country	Operator	Total number of subscribers to packages that include a fixed access to the Internet (mobile: see other tab)
Germany	EWE TEL	558.000

Country	Operator	Open questions regarding traffic management	Response
Germany	EWE TEL	What kind of application-agnostic traffic management techniques is used for e.g. congestion management?	1. Usage of redundancy-concept and Traffic Engineering. 2. Permanent Monitoring of capacity utilisation. 3. Constantly upgrading the network regarding points 1 and 2.
Germany	EWE TEL	What technologies (e.g. DPI) are used in the network to differentiate between packets?	We are not using Deep-Packet-Inspektion or something else.
Germany	EWE TEL	Where are these techniques implemented in the network? (e.g. close to interconnection points)	not implemented
Germany	EWE TEL	Are there some plans for implementing additional traffic management practices in the future?	No.

Country	Operator	Additional open questions
Germany	EWE TEL	Any additional comment

Comments on any other conditions that may impact users' ability to access the content/application of their choice