Telefónica Germany GmbH Co. OHG

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
						ISP only	ISP only	ISP only		
DE	Telefónica under brand name O2	User's access is blocked/throttled, e.g. after having downloaded/uploaded a certain amount of data.								
		If you offer specialized services, how does this affect the Internet access traffic on the same access								
		Different priority levels within Internet access traffic	Examples of measures that depend on the type of protocol or application (mail, video, web, etc.) accessed via Internet: P2P file sharing is blocked/throttled							
			VoIP is blocked/throttled							
			Instant Messaging services are blocked/throttled							
			Other specific kind of traffic (port, protocol, application, usage, etc) is blocked/throttled							
			Specific application/content provider (e.g. website or VoIP provider) is blocked/throttled							
			Specific type of over-the-top traffic given preferential treatment (e.g. specific content/application and/or specific application/content provider)							
		Restriction on the type of terminal allowed, or tiered pricing depending on the terminal used								
		Other relevant practice	To be completed with other types of measures - add as many lines as extra practices							
		* 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).

Country	Operator	Total number of subscribers to packages that include a mobile access to the Internet (fixed: see other tab)
		ISP only

Country	Operator	Open questions regarding traffic management	Response
		What kind of application-agnostic traffic management techniques is used for e.g. congestion management?	
		What technologies (e.g. DPI) are used in the network to differentiate between packets?	
		Where are these techniques implemented in the network? (e.g. close to interconnection points)	
		Are there some plans for implementing additional traffic management practices in the future?	

Country	Additional open questions	
	Any additional comment	
		Comments on any other conditions that may impact users' ability to access the content/application of their choice