Privacy Policy

NTP traffic study

Title of application/study	NTP traffic study
Policy start date	01 April 2022
Purpose of application/study	In this study, we intend to measure and analyse NTP traffic on our TimeNL NTP servers. The aim of doing so is to learn more about the behaviour of NTP clients, as a basis for improving the performance, resilience and security of our NTP service.
Personal data	Anonymised IP addresses (see *Filters* for details) and AS numbers.
Legitimate basis	Reasonable interest
Filters	We will anonymise the IP addresses using cryptopANT. First, cryptopANT will be used to encrypt the addresses, then the encryption keys will be destroyed, so that we cannot unencrypt the addresses. The anonymisation process will be performed after data collection, but before data analysis.
Retention	The anonymised data may be retained indefinitely. The files containing the non-anonymised IP addresses will be retained for a maximum of eight days (the interval between traffic measurement and performance of the process described under *Filters*). The retention period was chosen so that, after anonymisation, the queries can be matched from a single source over the course of a week.

Access	Access to the data will be restricted to SIDN Labs staff. The data will be processed exclusively on SIDN Labs computer systems.
Publication/sharing	The anonymised data will be used for statistical research, the results of which may be published. The anonymised data may be shared with third parties.
Type	Research.
Other security measures	Not applicable.