



## Privacy Policy

ENTRADA General

Date

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Classification

Public

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Title of application/study	ENTRADA General
Policy rewritten on:	12 January 2022
Policy start date	12 January 2022
Purpose of application/study	<p>The ENTRADA (ENhanced Top-level domain Resilience through Advanced Data Analysis) platform is a platform for the retention and analysis of DNS query data. It exists to support the development of new services and applications that enable us to further enhance the security and stability of .nl, and isolated investigations into incidents with the potential to threaten the stability of .nl. This privacy policy relates to the ENTRADA platform itself. Separate privacy policies must be defined for applications and studies that make use of ENTRADA data but fall outside the scope of this policy.</p>
Personal data	<p>ENTRADA is a general data platform that is used for research and development. It is impossible to know now what data will be required for future research. DNS query data is therefore retained. As explained in the policy paper 'A privacy framework for DNS big data applications', the personal data attributes that are retained and processed are as follows:</p> <ul style="list-style-type: none"><li>- IP address of the querying DNS resolver</li><li>- Domain name to which the query relates</li></ul>
Legitimate basis	<p>The purpose of the platform is to support research into and the development of applications that enhance the security of .nl and</p>



its users. The legitimate basis for use of the data is that it serves a reasonable interest.

**Filters**

No filters are applied.

**Retention**

All the collected data is retained for eighteen months. The retention period has been chosen so that we have sufficient time to analyse a year's data. After eighteen months, the IP addresses are deleted from the dataset. The remaining data is retained for as long as the system has sufficient storage capacity.

**Access**

The data is accessible to SIDN Labs staff and SIDN's DNS operators. The data can be accessed only from SIDN Labs' internal network, using a TLS/HTTPS connection. Access is controlled by password or by Kerberos authentication. SIDN Labs staff and SIDN's DNS operators have been instructed on the responsible use of data.

**Publication/sharing**

The raw data is never shared. Insofar as research results may be published, no specific personal data is included.

Limited datasets may be shared with external researchers on request, on an ad hoc, case-by-case basis.

If data is to be shared with a third party in the context of a larger, longer-term project or study, a separate privacy policy specific to that project or study must be defined.

**Type**

Research and development

**Other security measures**

The Hadoop servers are connected to a separate network, access to which is restricted.