



Privacy Policy

DMAP

Date

12 January 2022

Classification

Public

Author

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Title of application/study DMAP

Policy start date 20 January 2022

Purpose of application/study Analysing/scanning domain names in order to gather information about how they are used.

Domain names are scanned using various sub-crawlers, including:

- DNS
- HTTP
- TLS
- SMTP

The data is recorded in a database and used for research and internal SIDN applications, such as:

- The Registrar Scorecard (RSC), an incentive programme to promote the use of modern internet standards amongst registrars and thus raise the technical and substantive quality of the .nl domain
- The SIDN Labs statistics page (stats.sidnlabs.nl), where aggregated data is used to shed light on developments involving the various internet standards
- SIDN BrandGuard, a tool that draws users' attention to potentially malicious websites
- Analysis and research by SIDN Labs colleagues, with the ultimate aim of increasing the security and stability of .nl and the internet as a whole



The crawler also has screenshot functionality, which has the potential to record personal data. The functionality is disabled by default, but can be enabled for particular studies and applications.

Personal data

IP addresses received in the context of the processing of DNS queries (A and AAAA record requests and similar) are recorded. The IP addresses in question belong to servers that run services such as websites and mail services. Nearly all such servers are located in data centres. However, it is possible that a small proportion of the IP addresses gathered belong to home users with DSL/cable connections.

DMAP analyses domain names by reference to a list of domain names, such as the .nl zone file. A number of HTML pages linked to each domain name are downloaded. The raw HTML data is retained for one month for possible further analysis.

With a view to establishing whether a website is being used for business purposes, websites are scanned for the following attributes:

- Postal/office address
- Trade Register number
- Phone number

The attributes listed above are also recorded.

The DMAP crawler also has the ability to screenshot web pages, which may feature personal data.

Legitimate basis

SIDN has a reasonable interest insofar as DMAP results are used for research into (and thus action to improve) the quality, security and stability of .nl and the wider internet.

Filters

None

Retention

The data is recorded and analysed at two locations:

- In the Postgresql database, where it is retained for six months
- In Hadoop, where it is retained for five years to enable historical research into the .nl zone

Not all data is relevant for historical research. Data that is not relevant is deleted after two years.



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Access

The data is accessible only by authorised users within SIDN Labs, by means of a username and password. The relevant SIDN Labs personnel have received detailed guidance on the importance of privacy.

Publication/sharing

The data will be used for applications and for research. the findings of which may be published. In the context of the RSC programme, an aggregated dataset is shared with SIDN's NMS Department. SIDN never shares the complete raw dataset.

Type

R&D study and SIDN applications

Other security measures

None