DFN-CERT Services GmbH releases free anonymizing tool.

Hamburg, 09.04.2015 - Today DFN-CERT Services GmbH, the computer emergency response team of the German national research network DFN, released MixMod 1.0 to the public. MixMod provides anonymization and pseudonymization capabilities for a variety of data formats; it has been developed to support privacy compliant dissimination of incident data for the Advanced Cyber Defence Center ACDC, an Anti-Botnet service supported by the European Union.

"Succesfull combat against botnets is all about cooperation. ACDC receives reports from the project partners on security issues like spam campaigns in their networks, stolen data, infected websites, or DDoS attacks. Affected parties such as end users, mobile phone providers, and banks, providers of security solutions or hosting providers are then informed of the incidents. Being liberal towards accepted reports raises the need for flexible and configurable transformation of data before meaningful notifications could be send. Compliance with the EU's Data Protection Directive is a must to keep this running." says DFN-CERT's project leader Thiemo Nordenholz.

The MixMod software distribution provides a set of Python modules to read, process, and write data in several file formats; rules for anonymization or pseudonymization of potential personal data, such as IP addresses, can be set via policies. Currently, the modules are mostly operating on data representing summarized network traffic (flows).
For ease of use, two executable applications are also included with the software.
Mixmod is distributed as a tar.gz archive file, available from the URL
http://www.acdc-project.eu/wp-content/uploads/2015/03/mixmod-1-0-0.tar.gz
as open source software under a 2-clause BSD license (aka FreeBSD license).
Later this year a new version will provide a graphical configuration interface and additional features like anonymization and pseudonymization of domain and host names, read data from UDP streams instead files only, more formats, and less consumption of RAM.

(282 words / 1907 characters)

A fact sheet about ACDC is available at

http://ec.europa.eu/information_society/apps/projects/factsheet/index.cfm?project_ref=325188

DFN-CERT (https://www.dfn-cert.de) offers consulting and services for improved Internet security. In particular, the protection of computers and computer networks from attacks and the security of electronic communications are the main tasks of DFN-CERT Services GmbH.

For this, DFN-CERT focuses security expertise in close cooperation with German and international computer emergency response teams (CERTs). DFN-CERT has extensive experience in building and operating scalable and efficient security infrastructures. In addition, DFN-CERT is involved in several research projects to develop and test new security technologies. We share our knowledge and experience in the form of expert advice, tutorials and workshops.

Press contact:
DFN-CERT Services GmbH
Sachsenstraße 5
D-20097 Hamburg
Telephone: +49 40 / 80 80 77-555
Facsimile: +49 40 / 80 80 77-556
Mail: info@dfn-cert.de