

EXYS5100-SECURE-DNS



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Most companies need free access to the web and online resources. Without realizing it, in a typical working day a single user can contact hundreds of new domains, often inducted by advertisements, trackers and/or other hidden embedded content in today's modern web. Hiding between them are lesser-known, often questionable requests towards websites that regularly change name to avoid being caught under the radar of monitoring solutions. These websites are home to phishing, scam, gambling, malware-hosting and other fraudulent contents, which exposes a company to security risks on a daily basis.

Furthermore, a good portion of the IT and OT corporate infrastructure operates in an unmanned way and cannot count on the attention of the users to spot anomalies in their behavior.

In both cases, the EXYS5100-SECURE-DNS service is able to detect and mitigate those risks by means of customized DNS servers that rely on a high-performance database containing "bad domains" data. ECLEXYs carefully updates this database on a daily basis, with various trusted and own sources of domain reputation.

Our database also contains domains generated via Domain Generation Algorithms (DGA), a technique which has been used to evade block-lists by common security software. Therefore, such malware would effectively be unable to find and thus communicate with its Command&Control server, rendering it unusable.

ECLEXYs

When Passion Meets Technology

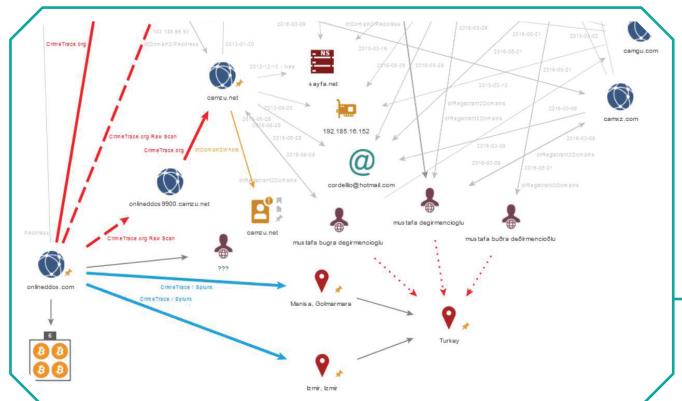
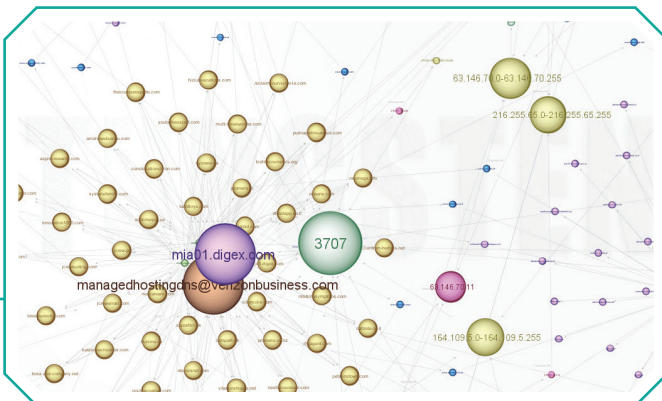
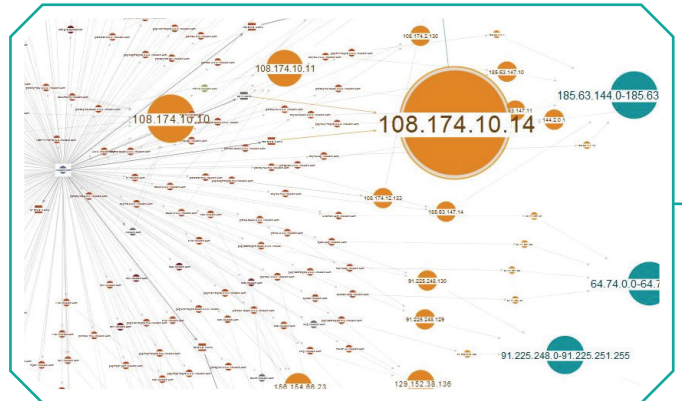
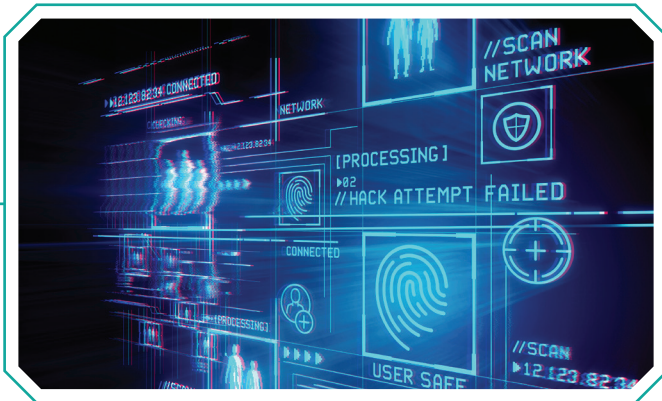


Some features of the EXYS5100 Secure DNS services:

- Daily collection of bad domains from multiple sources
- Flexible, dynamic and custom blacklisting and whitelisting functionality
- Configurable customer-oriented filtering based on user’s needs/requirements
- DGA (Domain Generation Algorithm) detection via NLP (Natural Language Processing) techniques
- Detection of first request to a bad domain
- Continuous research of AI-powered techniques for improved classification
- Contributing, but particularly taking advantage of the ECLEXYs’ intelligence database (bad IPs, bad URLs, Bad Subnets, ...)
- Daily reports including client locations and IP ranging
- Possibility to deliver a detailed feedback with risk indicators and recommendations (optional)

The highly performant EXYS5100-SECURE-DNS solution is very easy to configure on a customer’s network and this extra security layer will immediately take effect.

The solution has a solid background of success stories protecting businesses. You may be the next!



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