

# Secutec Secure DNS



## Outsmart malware and bad URL's through DNS

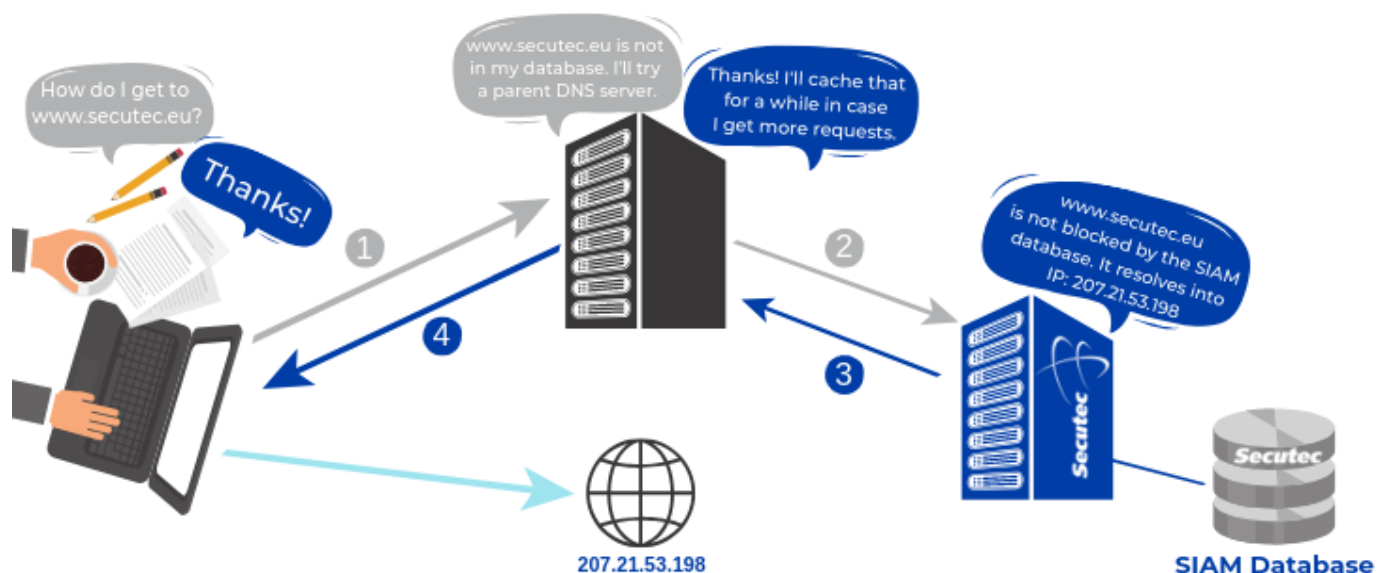
**DNS (Domain Name System) is a fast protocol that is used to protect your company against malicious host names**

Security through DNS protects you against new threats that your current antispam, firewall and proxies are not yet aware of. DNS is one of the most fundamental instruments of Internet and for network. DNS is the phonebook of the Internet. A user access information online through domain names, because that's something they can remember, like [www.secutec.eu](http://www.secutec.eu). Web browsers interact through IP addresses. DNS translates domain names to IP addresses so browsers can load Internet resources.

By setting your DNS forwarder to send DNS queries to our **Secutec Secure DNS Server** the domain reputation will be checked.

All known malicious domains are actively blocked as most of the phishing and ransomware domains have a low lifetime. If a user browses to a domain that has been blocked, they will be presented with a default blocking page. If the domain is whitelisted or if it is not known as "bad" the user will be able to access the domain.

By blocking through DNS, we are not only blocking the web traffic that should go through your web proxies, but also the traffic that is bypassing the proxy. Secutec Secure DNS Service works with any IT, network or security setup in your corporation.



Secutec Secure DNS receives feeds from the **Secutec SIAM** Database that gives information on which domain should be whitelisted or blacklisted.

**Whitelist category:** All domains which are known as secure.

**Blacklist category:** All malicious and untrusted domains.

**Others:** All domains not known as 'bad'.

The **SIAM database** gathers information from the Secutec honeypots, sensors, security feeds and other sources on the internet.

# DNS Key Advantages



## PRO ACTIVE BLOCKING ON NOT YET CATEGORISED DOMAINS

Newly seen domains (domains that were seen for the first time in the previous 24h) will automatically be blocked, because more than 22% of all new created domains will be used for Malware, Phishing, Ransomware, ... After 24 hours they will be removed from that category.



## NO INFRASTRUCTURE CHANGES

No downtime, service interruption, or server reboots are needed. The implementation can be done in less than 15 minutes. The service will work straight away.



## VISIBILITY ACROSS DEVICES

In order to keep track of your performance, we provide you with a detailed report on what has been blocked. The reporting and alerting system can be customized.

## Secutec DNS takes your security to heart

- ✓ **Know-how**  
We work with highly qualified, well-trained and certified team members.
- ✓ **Service**  
Thanks to our personal and efficient response time, your IT services will be up and running in no time.
- ✓ **Customisation**  
Every customer is unique, and that deserves a tailor-made approach.
- ✓ **Focus**  
We develop our own services, which enable us to act faster than any security provider.
- ✓ **Monitoring**  
We follow up trends and evolutions in order to stay 2 steps ahead of cyber criminals.