SANGFOR

marketing@sangfor.com
www.sangfor.com

SOLUTION BRIEF

Proxy Avoidance Protection with IAG and Endpoint Secure

Sangfor IAG

Solution Insights

• Dynamic Proxy Avoidance Categorization

Sangfor dynamic proxy avoidance categorization process employs multiple mechanisms including extensive application signatures, automatic crawlers, and constant research from the R&D team. The results of combining automation technologies along with R&D team collaboration enable a high level of comprehensiveness and accuracy with a low rate of false positives.

R&D team within Sangfor employs a dedicated team of application signatures security experts who are continuously categorizing and adding the latest proxy avoidance applications to ensure that detection rate and blocking capabilities are current and up to date.

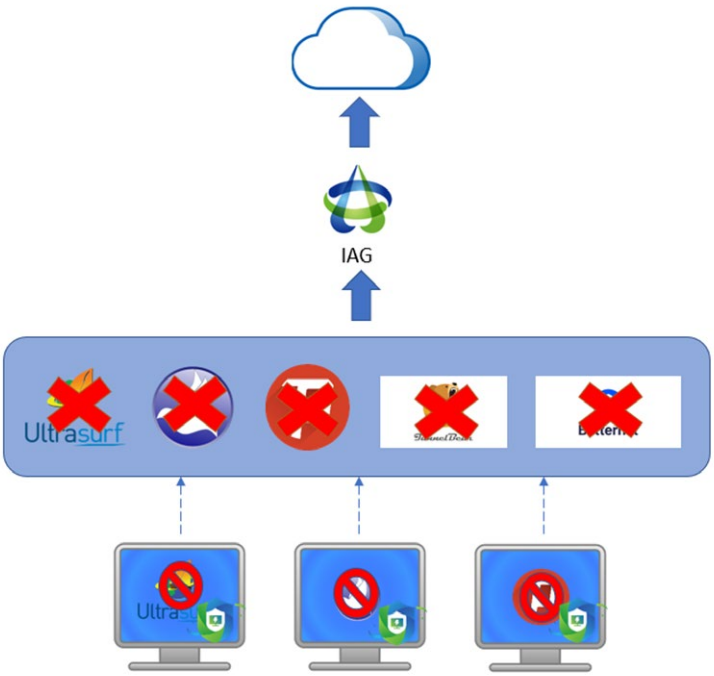
Sangfor continually gathers feedback on uncategorized proxy avoidance from IAG and Endpoint Secure installed worldwide. This is completely transparent and automated process ensures that any proxy avoidance applications that are not in the application database signatures are reported to Sangfor in real-time and immediately categorized upon validation from research labs.

• Anonymous Proxy Blocking

Sangfor approach to detect and block proxy avoidance is to stop at the source of endpoint and gateway application signatures. Sangfor maintains an extensive application signatures database of proxy sites and applications that allow anonymous browsing to circumvent organization security perimeter.

The Sangfor IAG URL and application signatures database block access to these proxy avoidance websites as part of its content filtering capabilities. In addition, Sangfor IAG works in line with Endpoint Secure to block endpoint anonymous proxy tools applications as part of its proxy avoidance filtering capabilities.

The content and application proxy databases are built by a combination of techniques including Metadata, automatic inspection, and R&D team research to provide complete protection against proxy avoidance. This support can be extended into other controls such as blocking IP/domain or excluding via whitelisting-based browsing against proxy avoidance.



• Endpoint Secure services integration

Sangfor IAG can seamlessly integrate with Endpoint Secure manager to provide detection and blocking of local installed proxy avoidance applications in a variety of network environments. IAG will utilize extensive application database signatures with Endpoint Secure to detect and block any local installed proxy avoidance applications. All this mechanism works perfectly behind the scene and involves only a few steps of configuration to enable IAG and Endpoint Secure manager integration.

With Endpoint Secure Protect Agent installed and running on endpoint machines, it can be used to perform Metadata analysis such as processName, signature and description to validate proxy avoidance application behaviour.

• Reporting and Monitoring

Sangfor IAG proxy avoidance reports are generated natively without the need for additional software management.

Besides reports, Sangfor IAG also provides real-time views of proxy avoidance filtering activity. This also can be filtered for specific users, groups, endpoint devices, etc, and exported to a CSV or PDF file for further processing or analysis.

Why Proxy Avoidance Protection and how can it help you?