Content Filtering Compared

DNSFilter Vs. F-Secure

AI Vs. Threat Feeds

Our solution doesn't just rely on a list of threat feeds. We combine over 66 threat feeds with Artificial Intelligence. F-Secure uses just 18 threat feeds, and they don't have any imagery-based phishing detection.

This gives our users 0-day threat protection so they're protected even if a threat has never been seen before. In fact, we block new threats as soon as 59 hours before other major threat feeds. What this really means is that if you visit a malicious site that isn't a part of our database of deceptive threats, you're still covered. Our AI will scan the website before allowing the page to resolve, and block the domain if it's found to be a threat.

F-Secure does use AI, but it is limited and doesn't scan the page. Their AI works on the backend, allowing them to add new threats from external sources to their database of threats. Then, when someone makes a DNS query, it checks against the database.

F-Secure has a database that is dynamically added to, but DNSFilter's database uses the real-time web classification that happens each time a user visits a page. Any new threats we find as we scan user sites are automatically added to our database. Our users don't need to tell us about new threats, we already know. Whereas F-Secure doesn't have this capability. Their users need to manually update block lists or contact the company, which causes delays and frustration for end users.

Superior Accuracy

F-Secure's domain database relies on a free service called Quad9. They've created their domain database by ingesting a variety of threat lists. What Quad9 doesn't do when importing these lists is check the validity of these domains.

Our domain database is carefully maintained. Each threat feed that is added to the database is examined to make sure that well-known, safe websites are not found on a block list. Monthly reviews of our domain database are also performed, looking for false positives that may have cropped up—DNSFilter's false positive rate hovers around just 4%. Preserving domain database health is important to make sure that users don't run into erroneously blocked websites.
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**More Flexibility With Content Filtering**

DNSFilter gives you a variety of content filtering options. You get a variety of categories that are easy to enable along with features like SafeSearch and YouTube Restricted Mode. We also allow you to block entire platforms, such as Facebook and TikTok. DNSFilter’s SafeSearch includes Google, Bing, DuckDuckGo, and Yandex.

F-Secure gives you only 15 total categories to choose from, and none of the additional features. The inability to enable SafeSearch and YouTube Restricted Mode means it’s up to end users to manually apply these restricted features within each platform.

We also enable flexible policy adjustments using domain wildcards, something that F-Secure doesn’t provide. Domain wildcards give you full control over which domains and subdomains are allowed or blocked.

**Faster Internet**

DNSFilter doesn’t slow down your network. We can say this confidently as our content filtering solution relies on a robust network with over 48 datacenters across the world. Not only does that mean you won’t experience a DNS outage, but your users will experience faster internet speeds with our solution over F-Secure.

Compared to F-Secure’s DNS resolver, Quad9, we’re nearly 2.5x faster when you compare the public results on [DNSPerf.com](http://DNSPerf.com).

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<tbody>
<tr>
<td>DNSFilter</td>
<td>7.59 ms</td>
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<tr>
<td>Quad9</td>
<td>19.9 ms</td>
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According to online reviews of F-Secure customers, those who use their Business Suite report web surfing slowdowns. DNSFilter is a lightweight yet powerful protection layer that you can rely on to block sites and filter content based on your customer preferences—as opposed to a resource-consuming solution that makes computer usage more difficult.