Identity Management, Authentication, and Access Control with Squid

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Squid

Creators: Duane Wessels, Henrik Nordström, Amos Jeffries, Alex Rousskov, Francesco Chemolli, Robert Collins, Guido Serassio and volunteers

Squid is a caching web proxy that works well as a server accelerator. Squid has robust authentication and access controls that can help increase the security of your web server.

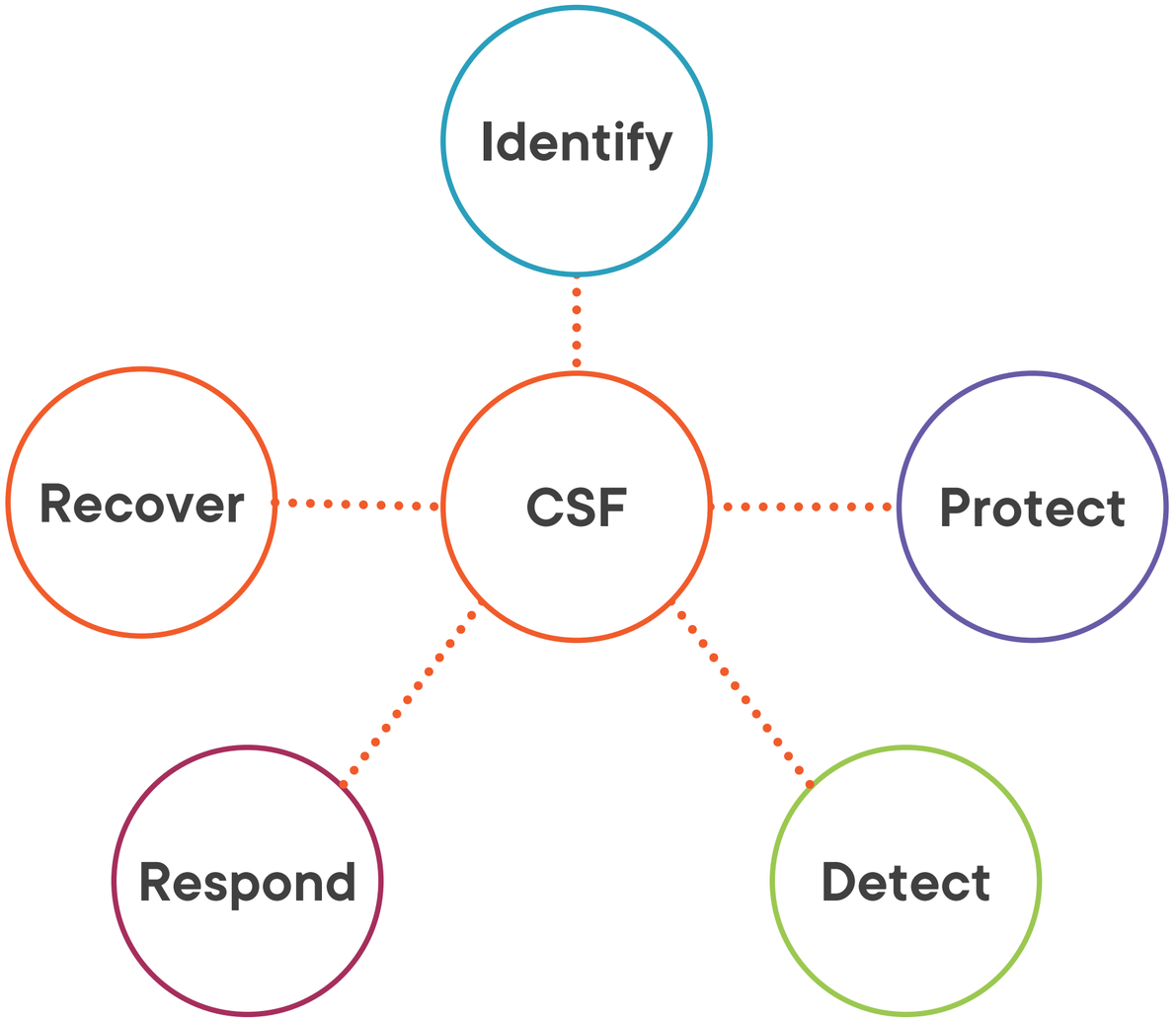
Proxy cache for the web

Open-source and freely available

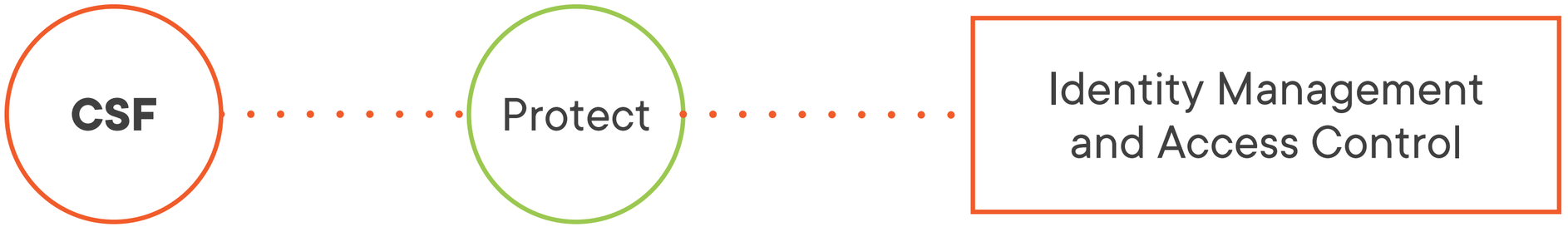
Fast and highly configurable

Helps reduce bandwidth

NIST Cybersecurity Framework



NIST Cybersecurity Framework



NIST Cybersecurity Framework

Demo: Setting up Squid

1. Download
2. Building Squid from source
3. Setup using Docker

Demo: Configuring Squid

1. Using the squid.conf configuration file
2. Common Squid configuration options

Demo: Using Access Control Lists

1. Creating Access Control Elements

2. Building Access Control Lists to manage proxy access

Demo: User Authentication with Squid

1. Authentication configuration
2. Demonstrate basic authentication
3. Advanced authentication options