

What is Active DDoS Prevention?

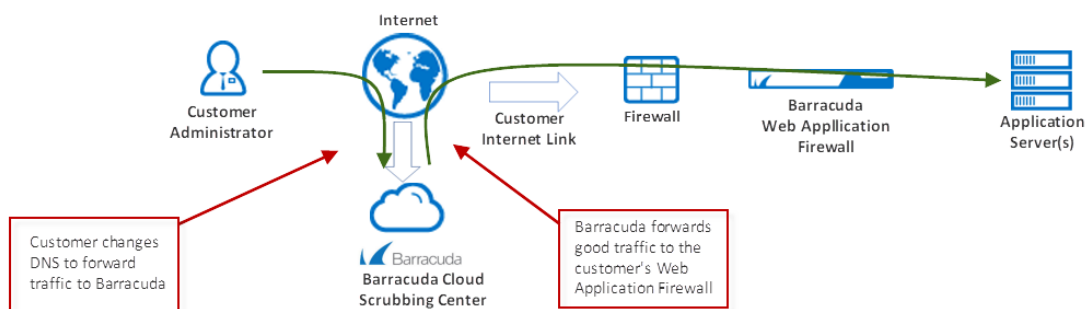
<https://campus.barracuda.com/doc/73700721/>

Barracuda Active DDoS Prevention works with the Barracuda Web Application Firewall to protect you from all types of DDoS attacks.

How Barracuda Active DDoS Prevention Works

Allowing volumetric DDoS attacks to reach your network exposes your network infrastructure to overload. As described in the [Overview](#), your internet link, routers, firewalls, and switches likely do not have the capacity to handle the amounts of traffic received during this type of attack. When you set up Barracuda Active DDoS Prevention, you re-route all of your web application traffic through Barracuda's Cloud Scrubbing Centers. Barracuda's Cloud Scrubbing Centers have the capacity to accept and block volumetric DDoS attacks on your behalf, filter out your legitimate traffic, and forward it to your network.

When you set up Barracuda Active DDoS Prevention, you re-route your web application traffic. You change your DNS records to point to Barracuda's Cloud Scrubbing Centers instead of pointing directly to your Barracuda Web Application Firewall. This means all traffic - both legitimate and attack - will first be received and handled by Barracuda.



Barracuda's multiple Cloud Scrubbing Centers are geographically dispersed and redundant, so routing your traffic through Barracuda does not increase latency. Barracuda also provides a Service Level Agreement (SLA) which outlines its commitment to ensure that the Barracuda Cloud Scrubbing Centers do not cause downtime for your application.

Figures

1. whatIs.png

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