



DDOS PROTECTION SERVICE CHECKLIST

8 Things to Look for in a DDoS Protection Service

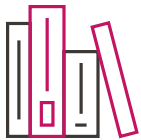
As DDoS attacks grow in size and disruptive capacity, more businesses are relying on third-party protection specialists. When your Internet presence is critical – to your brand, customer service, or revenues – you need the right technologies, expertise, and communication.

With monitoring agents located across the globe and on multiple networks, both synthetic programmable agents and browser-based performance metrics, Vercara provides a holistic view so that you can see what your customers see and enables you to remove inhibitors before customers are affected.



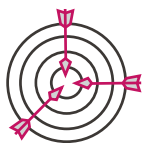
1. Accurate attack detection

It's essential to minimize false positives and negatives. Investigate provider reputations for accurately detecting threats. Are their customers chasing non-emergencies and misusing time and manpower? Or are they getting reliable data on real attacks as they happen?



2. Deep expertise and experience

These two items often go hand in hand. But when you tour someone's security operations center (SOC), don't be dazzled by swiftly crushed simulated attacks. You want expertise backed by a solid real-life record. Ask for actual examples, even anonymized ones that protect confidentiality. You need a service that's been there, done that, over and over again.



3. Ability to handle numerous types of attacks

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4. Hybrid protection

Top analysts cite hybrid protection, a combination of hardware and cloud mitigation, as a best practice. This discipline employs always-on local hardware to stop smaller, frequent attacks – often aimed at web applications – and is backed by a cloud-based scrubbing service when attacks become enormous. Make sure your service lets you respond to attacks immediately and that your provider has the bandwidth to handle attacks upwards of 100 Gbps.



5. Massive traffic scrubbing capacity

Speaking of larger attacks, those measuring as high as 300 Gbps (or even higher) have become common. Most of the top protection services are cloud-based, but not all are created equal – what sounds the same on the outside is very different on the inside. Choose a provider with enough bandwidth – close to or exceeding a terabyte – to scrub bad traffic in volume while allowing legitimate requests to proceed to your infrastructure.



6. Fast routing to scrubbing centres + speedy failover

Cloud-based protection involves rerouting traffic through a scrubbing center, but your business shouldn't bear the burden of slower business traffic. Insist on a solution that routes and cleans traffic quickly, with minimal latency. Otherwise, the bad guys win – your site may be up, but service is so sluggish that customers go elsewhere.

Speed counts too when failing over from local equipment to cloud services. Providers that use cloud signaling, devised by Arbor Networks, the leader in DDoS mitigation hardware, accelerate the process through advanced communication.



7. Ease of use and deployment

Solutions that are tough to master leave you vulnerable in a different way if your staff can't wield them effectively when it matters most. Simplicity is one reason why DNS redirection is a popular option. Simply point your traffic to a different address and within minutes.



8. Complementary DNS service

With so many DDoS attacks targeting DNS, you'll want a protection service that fits your DNS solution. Whether you manage your DNS in house or outsource to a third party, ensure your DDoS protection service is a good fit. The best approach is to use the same vendor for DNS and DDoS. This ensures that these essential services work together so that during emergencies you have one call to make, one point of contact, and one source of relief.

REMEMBER

Remember these best practices and choose DDoS protection with confidence. The right solution makes all the difference when your business is in the crosshairs.

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