

DDOS

PROTECTION



ServerMania Distributed Denial Of Service Protection is capable of mitigating all known DDoS attacks, ensuring that vital services remain available to customers and employees throughout an attack.



serverMANIA
HOSTING EMPOWERED

A leader in web hosting since 2002.



DDOS PROTECTION CATALOG

At ServerMania, we take network uptime seriously.

Our 100% Network Uptime Service Level Agreement and 15-minute support response times empower server hosting customers with ultimate confidence in their infrastructure. But even the best networks and fastest support can't protect server hosting customers against malicious third parties.

That's why we also provide cutting-edge Distributed Denial of Service (DDoS) Protection. DDoS attacks are common and they can devastate a business of any size. Consider what it would mean for your business if the applications, sites, and services it depends on to generate revenue were unavailable for hours or days.

ServerMania Distributed Denial Of Service Protection is capable of mitigating all known DDoS attacks, ensuring that vital services remain available to customers and employees throughout an attack.

DDoS Protection is available for the full range of ServerMania server hosting plans in our Buffalo data center, including public and private cloud hosting, dedicated server hosting, and hybrid server hosting.

All server hosting plans in this data center are eligible for our Essential DDoS Protection plan, which can neutralize attacks up to 1Gbps.

CUSTOMERS CHOOSE SERVERMANIA DDOS PROTECTION BECAUSE:

- ✓ It provides the best available protection against malicious DDoS attacks
- ✓ Distributed Denial of Service Attacks are a risk faced by every business
- ✓ Even a small Distributed Denial of Service attack can devastate revenue and customer satisfaction

DDoS

EXPLAINED

Network interfaces and servers have limited resources. When requests sent to a network interface exceed available bandwidth, the interface will respond slowly or not at all to additional requests.

Excessive requests can also overwhelm servers: every request consumes a proportion of the server's memory and processing power — if too many requests are received, the server will be unable to respond appropriately, causing increased latency, and often a failure to respond at all.

DDoS attacks exploit the same protocols used by web browsers and servers to communicate, which makes it challenging to distinguish between an attack and authentic requests. If attacks are filtered too aggressively, authentic requests are ignored. Effective DDoS Protection must block attack traffic without impacting authentic traffic.

From the perspective of a user, a site or application undergoing a DDoS attack is slow to respond or completely unresponsive. Web pages don't load, APIs don't respond, and eCommerce customers can't make purchases. Every second of degraded service has a cost.

ServerMania's DDoS Protection uses state-of-the-art RioRey DDoS mitigation appliances at the edge of our network. Capable of instantly filtering all known types of DDoS attack, ServerMania's DDoS protection recognizes incoming attacks and filters malicious traffic without touching legitimate traffic.



FULL SPECTRUM DDOS PROTECTION

DDoS attack is a general term for a category of attacks that use different protocols and target various layers of the network.



ServerMania DDoS Protection offers full protection for attacks at Network Layers 3, 4, and 7.



Layers 3 and 4

also known as the Network and Transport Layers

These are the target of most DDoS attacks, including ICMP Floods, UDP Floods, DNS Reflection Attacks, SYN Floods, and many more.



Layer 7

also known as the Application Layer

Some DDoS attacks directly target applications like content management systems and eCommerce stores with excessive HTTP requests or attacks that exploit flaws in the application itself.

DDoS

PROTECTION PLANS

Every organization's DDoS Protection requirements are different, and ServerMania DDoS Protection users can choose from several options. All tiers include full Layer 3, 4, and 7 DDoS detection and mitigation.



ESSENTIAL

Up to 1 Gbps

Essential DDoS Protection is suitable for day-to-day protection against the most common attacks.

Essential DDoS Protection is free to all server hosting clients located in Buffalo.



PREMIUM

Up to 10 Gbps

Premium DDoS Protection can mitigate attacks that are an order of magnitude larger than the Essential package.

Premium is suitable for server hosting clients who experience moderately-sized targeted DDoS attacks.



ULTRA

Up to 20 Gbps

Ultra DDoS Protection offers optimal protection against high-volume attacks.

For server hosting clients that regularly experience high-volume DDoS attacks, Ultra is the best option.



EMPOWERED

Up to 40 Gbps

Empowered DDoS Protection offers the ultimate protection for mission-critical infrastructure and is capable of repelling large-scale DDoS attacks that would otherwise overwhelm even the largest server deployments.

WHY CHOOSE SERVERMANIA DDOS PROTECTION?

ServerMania's DDoS Protection offers the best available mitigation of a risk facing every organization that does business online. No business that relies on online infrastructure to provide essential services should be without effective DDoS Protection.

Instant Protection

ServerMania's DDoS Protection will instantly mitigate any DDoS attack that targets your infrastructure. Unlike many server hosting providers, who will simply take your servers offline if you experience an attack that puts their infrastructure at risk, ServerMania is ready to keep your critical services online.



Your Website Stays Online

Without DDoS Protection, your business is under constant threat — the technology to launch DDoS

attacks is freely available. Online criminals offer DDoS-as-a-Service platforms that will target your servers for a price. DDoS Protection allows you to be confident that your customers will always be able to reach you.

Reduction In Lost Revenue

The average DDoS attack costs businesses \$500,000. The cost depends on the size of your business, but it can be easily calculated. How much would your business lose for every hour that essential services and websites were unreachable by customers and employees?

No Overage Charges For Bandwidth

Without DDoS Protection, your business will pay for the bandwidth used by an attack. A DDoS Attack can easily consume a hosting account's bandwidth allocation and accumulate large overage charges.

SERVERMANIA

THE IDEAL SME SERVER HOSTING PROVIDER

Advanced DDoS Protection is just one of the ways ServerMania empowers server hosting clients. We also offer:

- A wide variety of server hosting options, including dedicated servers, hybrid servers, and private and public cloud platforms.
- A 100% Network Uptime SLA
- Industry Leading Prices
- 15-minute support responses

Since 2002, we have been a trusted partner of thousands of businesses, empowering each to leverage our technology to grow their business.



A leader in web hosting solutions since 2002.

www.servermania.com



facebook.com/servermaniainc



twitter.com/servermaniainc



linkedin.com/company/server-mania



youtube.com/servermaniainc