DDoS MITIGATION

Detect and mitigate DDoS attacks to ensure secure, uninterrupted services for business continuity and enhanced customer experience

Today, organizations are moving their business operations online and looking at all-time availability, reliability and security. It has become imperative for businesses to secure their website, applications and network from various external attacks – a significant one being Distributed Denial of Service (DDoS) attacks.

A DDoS attack occurs when multiple systems are used to overwhelm the available bandwidth or resources of a server hardware, application, service or any other targeted system of an organization. This causes the targeted system to offer a severely degraded service or may lead to a complete failure of operations, resulting in revenue loss, customer churn and reputational damage for the organization. With attacks like these increasing in frequency and impact, organizations are recognizing the need of a robust mechanism for detecting and mitigating these attacks.

Jio DDoS Mitigation has the ability to detect and mitigate large bandwidth attacks over Jio's core internet backbone. With this solution, you can expect the following-

Detection
- Detection of attacks through common attack patterns, IP repudiation and previous data assists

Diversion
- Re-routing traffic to DDoS scrubbing center using Border Gateway Protocol (BGP) routing, to scrub and drop DDoS traffic based on predefined attributes

Filtering
- Scrubbing system weeds out the malicious traffic and drops it, while rest 'clean' traffic is sent back to the customer's network

Analysis
- The malicious traffic pattern is logged and detailed analysis is undertaken for forensic, hardening of security and recording purposes

What You Get

Bandwidth Mitigation
Automated mitigation up to the subscribed bandwidth port

Traffic Routing
Routing of legitimate traffic to Customer site post scrubbing

Incidents Support
Unlimited attack incidents are supported

State-of-the-Art Infrastructure
Mitigation undertaken at Jio's state-of-the-art scrubbing centres

IP Configuration
Support extended for Jio provided and Customer owned IP addresses

Response SLA
Detection and auto-email notification to customer within 10 minutes of alert

Digital Self-Care
Online portal to access attack traffic reports, service and change requests

24x7 Assisted Care
Ready to service your needs at all times

Jio Advantage

Network-Based Defense
Mitigate large bandwidth attacks on Jio's core internet backbone backed by industry-leading Service Level Agreement (SLA)

Advanced Detection Capabilities
Statistical sampling and state-of-the-art analysis to detect, alert and mitigate attacks

Comprehensive Reporting
Near real-time reporting on traffic, alerts and various attack metrics, available on Self-Care portal

Plans to Suit your Needs
Flexibility to avail bandwidth mitigation ports up to 500 Gbps

Cost Savings
Flat annual recurring charges based on the subscribed bandwidth port