



# **Array Networks DDOS cloud Scrubbing Center**

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**D A T A S H E E T**



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Distributed Denial of Service (DDoS) attacks have become more common and more sophisticated. The trend for DDoS attacks is not favorable for any organization. These attacks combine high-volume traffic with stealthy, low-and-slow, application-targeted techniques, TCP-state exhaustion and application-layer attack vectors. To stop DDoS attacks from reaching the enterprise network, organizations need a hybrid solution for cloud-based mitigation in addition to on-premises protection.

Array Networks provide enterprise-grade security solutions for DDoS mitigation in different deployment mode (Dedicated On-premises, Hybrid, cloud and integration with any third-party scrubbing center). Array Networks DDOS cloud scrubbing center detects and mitigates DDoS attacks in real time, with DDoS attack mitigation bandwidth to stop volumetric DDoS attacks from ever reaching your network. Array Networks security experts are available 24x7x365 to keep your business online during a DDoS attack with comprehensive, multi-layered DDoS attack protection.



# Below are the details of Array Networks DDOS cloud scrubbing center: -

Array Networks introduced a multi-layered DDoS protection solution that defends you from complex Network and application layer attacks. By adding Array Networks cloud-based technology with on-premises device, the architecture delivers real-time detection and mitigation, protecting critical assets like the data center during a volumetric attack. Array Networks DDOS cloud scrubbing center of India is hosted in Tier-4 partner Datacenter and Premium Internet Service providers, it is packaged to provide you with complete insight into your network performance and functionality. Array Networks DDOS cloud scrubbing center for packet and connection scrubbing for volume-based DDoS always on with reverse proxy deployment and on-demand scrubbing via routing protocols. A scrubbing technique uses a centralized data cleansing station where the incoming traffic is analyzed, and malicious traffic is removed before it is sent to the destination



## High Availability

Array Networks DDOS cloud scrubbing center is designed in redundancy on all the networking devices and mitigation elements including data center. They are equipped with dual redundant power supplies on all applicable equipment to assist with maximum uptime. This topology allows for steady and uninterrupted operation of the scrubbing centers during maintenance and/or element failures.



## Connectivity

Array Networks DDOS cloud scrubbing center is connected to the internet through multiple providers and links.



## Array Networks Security Operation Center

Array Networks DDOS cloud scrubbing center is controlled by Array Networks security experts. Array security operation center (SOC) having management and monitoring systems, allowing continuous monitoring of all components, subcomponents, and internal/external and front-end/back-end applications to assist the infrastructure and service integrity.

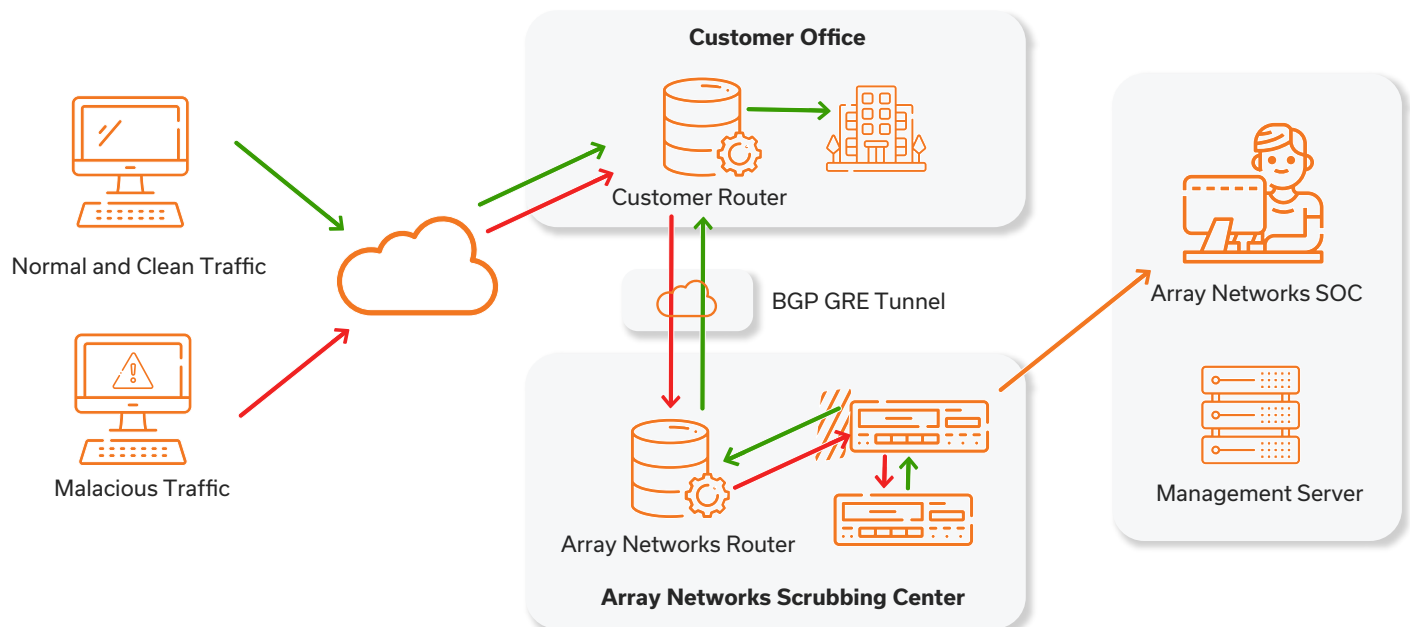
The SOC network have separated from the mitigation network. All management servers are installed on dedicated physical or virtual servers, protected by leading firewall and network security systems.



## Integration with your network

Array Networks DDOS cloud scrubbing center utilizes BGP diversion for incoming traffic redirection to the Array Networks DDOS cloud scrubbing center for attack traffic removal. Cleaned traffic is returned using either GRE tunneling or a direct connection to your network.

- A BGP announcement will divert customer traffic when under attack.
- The solution will pull traffic into Array Networks DDOS cloud scrubbing center for cleaning.
- Malicious traffic will be discarded by the Array Networks DDOS cloud scrubbing center.
- Cleaned/Legitimate traffic will be forwarded to customer via GRE or direct connection.
- It operates within acceptable latency.





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