

internet2.0

MILITARY-GRADE

CYBER PROTECTION

**Cloaking Firewall for AWS
Product Document**



Cloaking Firewall for AWS

Introducing the Cloaking Firewall for AWS: Invisible Defence for the Cyber Age

Harness the power of the Cloaking Firewall to fortify your AWS servers. In an era where cloud infrastructure is pivotal, ensuring the security of your AWS environment is paramount. The Cloaking Firewall acts as a vigilant guardian, meticulously inspecting and filtering traffic to and from your AWS instances. By leveraging its advanced capabilities, such as algorithmic IP blocking based on real-time scans and events, it provides a robust shield against potential cyber threats. Whether you're running web applications, databases, or complex workloads on AWS, the Cloaking Firewall ensures that your digital assets remain invisible to malicious actors, safeguarding the integrity, confidentiality, and availability of your data in the cloud.

Crafted specifically for AWS, the Cloaking Firewall seamlessly integrates both virtual and logical components. It's not merely a gateway; it's a harmonious ensemble of security protocols tailored for the cloud. While the Cloaking Firewall offers a robust layer of defence, it's essential to remember that comprehensive cybersecurity extends beyond a single tool. Strengthen your entire AWS infrastructure, and let the Cloaking Firewall serve as the foundational pillar of your cloud-based cyber defence strategy.

Elevate your AWS security with the Cloaking Firewall, a state-of-the-art solution infused with groundbreaking technology. Transcend conventional defence barriers and render your AWS resources virtually undetectable to potential cyber threats. Our pioneering system defends against pervasive internet scans, a tactic frequently employed by cyber adversaries to identify vulnerabilities. With the Cloaking Firewall safeguarding your AWS environment, you're not merely shielded; you're in stealth mode. Venture confidently into a secure cloud era, where our subscription-driven expertise ensures you remain at the forefront of cybersecurity.

Seamlessly fortifying your AWS infrastructure has never been easier with the integration of the Cloaking Firewall. Designed to cater to the diverse needs of AWS users, it offers both the time-tested reliability of IPSec and the modern efficiency of WireGuard:

- **IPSec – Unwavering & Trustworthy:** IPSec, a stalwart in the VPN world, guarantees the confidentiality, integrity, and authentication of data, making it a prime choice for those seeking a robust connection to their AWS resources.
- **WireGuard – Contemporary & Swift:** Recognized for its streamlined architecture, WireGuard stands out as a modern VPN protocol, delivering unparalleled performance and agility.

By integrating the Cloaking Firewall with your AWS environment, you're not only enhancing security but also optimizing connectivity. Whether you're running mission-critical applications or hosting sensitive data on AWS, the Cloaking Firewall ensures a secure, high-speed, and resilient connection, tailored to your specific operational needs.



Cloaking Engine

The exclusive Cloaking Technology of Internet 2.0's Cloaking Firewall for AWS hampers the efforts of threat actors by making your network undetectable during recon scans and other covert scanning techniques.



Intrusion Detection / Prevention System

Our Intrusion Detection and Prevention Systems (ID/PS) employ advanced deep packet inspection for web traffic analysis. Suspicious activity is identified and blocked, preventing comms with command and control nodes.



Advanced Firewall

Fully configurable Next-Gen Firewall with advanced capabilities, such as automated algorithmic blocking of IP addresses based on scans and events. This state-of-the-art system also integrates seamlessly with existing network infrastructures.



Encrypted Data Communication

Enable secure data transmission for remote users via VPNs. Site-to-site IPSec or the 21st Century Wireguard protected tunnels can be established between networks. Data encryption is set to AES 256 GCM.

