



# Busting the Myths: Understanding Encrypted Attacks

## Safeguard against advanced, encrypted attacks

F5 and AWS deliver the security needed to safeguard apps and user traffic from emerging ransomware exploits. With our high-performance decryption, routing, and security capabilities you can prevent malicious inbound and outbound traffic, see encrypted threats sooner, and stop ransomware attacks before they happen.

Learn more at [f5.com](https://f5.com) or find F5 Distributed Cloud Services on [AWS Marketplace](https://aws.amazon.com/marketplace).

Ransomware attacks have grown in sophistication, leveraging encryption to avoid detection by security tools. Safeguarding against these threats requires a deeper understanding of modern ransomware tactics and layered defenses that secure communications and traffic from exploits.

Are you equipped to prevent encrypted attacks? Let's debunk some common ransomware myths so you can better defend against these stealthy threats.

## Myth #1

### Tunnel encryption keeps web traffic trustworthy.

**Truth:** Bad actors take advantage of SSL/TLS encryption to hide malicious payloads and outsmart or bypass security controls. Keeping your organization secure requires inspecting encrypted communication channels to expose and stop attacks before they happen. F5® BIG-IP® SSL Orchestrator® on AWS delivers high-performance decryption and routing to security tools to ensure inbound traffic is threat-free and to prevent outbound traffic from dispersing malware, exfiltrating data, or triggering command-and-control attacks.

## Myth #2

### Patchwork security tools are the only way.

**Truth:** Even if you have assembled a myriad of security and network tools, you can still enhance and unify your ransomware detection and response. BIG-IP SSL Orchestrator breaks down silos to ensure all outbound and inbound traffic for AWS apps is protected from threats. This streamlines visibility into encrypted SSL and TLS traffic and enables security and IT professionals to identify threats they might have otherwise missed.

## Myth #3

### More security means less agility.

**Truth:** Security and performance don't have to be a tradeoff. BIG-IP SSL Orchestrator with AWS Gateway Load Balancer provides visibility into SSL/TLS traffic flows without slowing apps down. Inject high-performance ransomware protection across your AWS estate and easily integrate BIG-IP SSL Orchestrator with other leading security tools, including F5® Distributed Cloud Services, to maximize existing investments and better connect security stacks.

