Bytes Managed Security Service: Proactive Protection and Response

Natively safeguard your AWS Workloads
with 24/7 Managed Security Services

The cloud-bound SMB or enterprise may have concerns about security. So, Bytes include an integrated Managed Detection and Response (MDR) service within our Managed Services suite. As AWS experts, we have what it takes to secure your cloud environments and mitigate cyber threats.

Bytes include robust security and backup support as an integral part of our Managed Services package, or as a standalone service. While no supplier can – or should – guarantee 100% uptime, we ensure ongoing protection and resolve issues, at pace, should a compromise occur.

Google's VirusTotal systems identified 95% of ransomware malware as directly targeting Windows*. While this new focus is part of a bigger worldwide picture – IDC suggests that more than a third of organisations suffered at least one ransomware attack or data breach in the previous 12 months. Security has never mattered more for the cloud-bound SMB or enterprise.

Bytes introduced this service proposition for those customers transitioning to the AWS Cloud, but without the security protocols, frameworks – or resources – to meet the specific requirements of cloud security. A dedicated, in-house 24/7 Security Operations Centre (SOC) is simply not practical.

AWS and cloud security
This is a shared responsibility model where AWS looks after the physical security of the infrastructure, networks, and foundational services. Meanwhile, the customer is responsible for everything within their AWS environment – and that's where we can help.

This is a managed service, and not just another software solution.
The Bytes and AWS partnership isn't a single proprietary software product. Instead, Bytes MDR is powered by Fortra's Alert Logic as part of our umbrella Managed Services offering. Our deep understanding of the AWS Cloud means we know what it takes to fortify customer workloads in virtual environments. We can certainly do the same for you.

Our service helps customers adhere to the responsibilities laid out in AWS' shared responsibility model.

Apps

Threat Detection
Web Application Firewall
Vulnerability Scanning
Incident Response
App Response Monitoring
Compliance Reporting
Web Application Scanning

Access Management
Coding Best Practices
Software Patching
Traffic Encryption
Configuration Management

Hosts

Hardened Hypervisor
System Image Library

Threat Detection
Vulnerability Scanning
Endpoint Monitoring
Log Analysis
Compliance Reporting

Access Management
Patch Management
Hardening
Role Based Access
Data Encryption

LAN

Physical Segmentation
Perimeter Security
DDOS & Spoofing

Threat Detection
Log Analysis
Configuration Scans
Network Monitoring

Access
Management
Logical
Segmentation

Platform

Compute
Storage
Database
Network

Log Analysis
Configuration Scanning
Industry Benchmarks

Role Based Access
Secure API Access

AWS
Bytes and Alert Logic
Bytes and Customer

FORTRA

Bytes MDR: Powered by Fortra's Alert Logic

Bytes manage your security as part of an end-to-end continuous process and in partnership with the only MDR provider dedicated to the public cloud, SaaS, and hybrid environments.

Bytes MDR and Fortra's Alert Logic provide real safeguards for your virtual platform – and a dedicated dashboard puts everything in view. While Fortra's Alert Logic delivers the service, Bytes are on hand 24/7 to assist with remedial actions and offer the solutions Fortra recommends.

How does it work?

Fortra's dedicated Alert Logic SOC monitors the full attack surface for breaches and alerts, 24/7. Ready to prevent, detect, analyse, and dynamically react to cybersecurity incidents, Alert Logic also supports corporate compliance.

Thanks to integration within the Bytes MDR package, there's no installation, configuration, monitoring or alert management work required. Bytes take care of the heavy lifting, leaving you free to enjoy the business benefits of the Bytes AWS Cloud experience.

Bytes MDR is available as a standalone service or part of the Bytes Managed Service package.
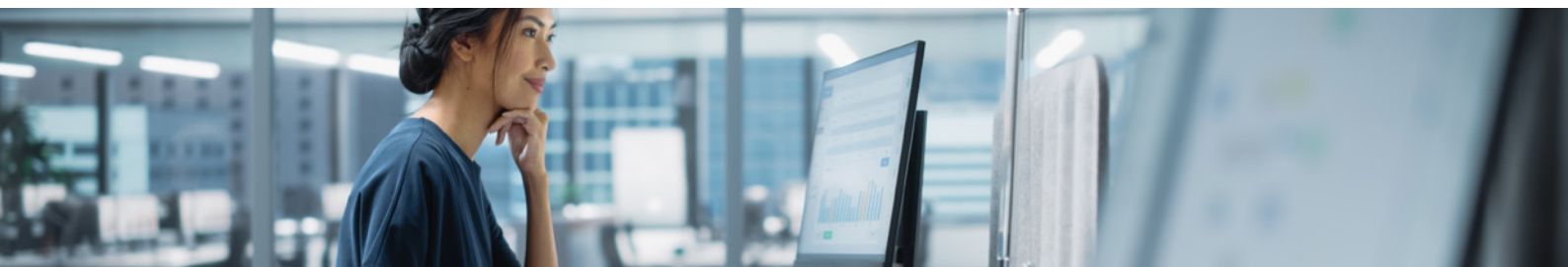
Solution overview

Data-driven Intelligence
Fortra's Alert Logic SOC detects threats by leveraging industry data, continuous research from a dedicated threat intelligence team, and machine learning from aggregated data of thousands of customers. This data informs real-time reporting and access to information on risk, vulnerabilities, and compliance status via Fortra's Alert Logic MDR platform.

121 Security Expert help
The professionals assigned to each customer, provide a personalised service that considers the context of your organisation when planning how they can best support you.

Choose the right package
No two customers are the same. So, select the right level of asset protection to give you the right coverage at the best possible cost for your business.

Real-Time Security Insights
The platform analyses network traffic and more than 60 billion log messages every day, uniting asset visibility and security analytics for your networks, applications, and endpoints.

Why Bytes?

As an AWS Advanced Consulting Partner we have rich AWS transformation experience. Tap into Bytes specialist security, DevOps, network and infrastructure teams.

AWS Managed Services enable improved visibility, internal team capabilities, and cloud migration savings.

Our in-house AWS team can accelerate your cloud journey, while our AWS lifecycle support extends from migration and Well-Architected Reviews to governance, FinOps, and development.

aws partner network

Advanced
Consulting Partner

Digital Workplace Competency

Microsoft Workloads Competency

Well Architected

Public Sector Partner

Solution Provider

Want to know more about our AWS Managed Services?

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bytes.co.uk/cloud/amazon-web-services

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