

Bytes SECURING YOUR PUBLIC CLOUD

Let's get protection sorted, quickly and easily

Choosing the right public cloud provider is only half the story. **With Bytes, you can take care of essential security too** – for your servers, network and applications.

Enterprises can rush to take advantage of the cloud, only to miss a simple truth ... security needs to be shared between themselves and their cloud service provider. Without the right security, your servers, network and applications can be at risk. It's your responsibility.

Cloud Security: So who's responsible for what?

YOU	Responsible for security "IN" the cloud	Customer Data			
		Platform, Application, Identity & Access Management			
		Operating System, Network & Firewall Configuration			
		Client-Side Data Encryption & Data Integrity Authentication	Server-Side Encryption (File System And/Or Data)	Network Traffic Protection (Encryption/ Integrity/Identity)	
CLOUD	Responsible for security "OF" the cloud	Compute	Storage	Database	Networking
		Global Infrastructure	Regions		Edge Locations
			Availability Zones		

Many firms fail to realise they've left themselves wide open

Q: "Are you aware of the shared responsibility model?"
40% answered 'No'

Q: "Are cloud security concerns limiting your workload migration plans?"
50% answered 'Yes'

Cloud Security: Here's the good news

Bytes can help get you protected quickly. We have unrivalled relationships with Microsoft and all the specialist security vendors. This makes us perfectly positioned to help you secure your Azure environment in a way that maximises operational benefits while minimising costs.

‘I’ve chosen a public cloud provider, so what else do I really need?’

With Bytes, you can secure **three essential areas.**



Protect your Cloud Applications

Web Application Firewalls (WAF) are critical for protecting your public facing applications and websites. They inspect HTTP/HTTPS traffic, protect against Layer 7 DDoS attacks and help apply user-based policies. Web Application Firewalls will also automatically secure against application vulnerabilities, including those listed on the ‘OWASP Top 10’.



Protect your Cloud Network

Essential for the modern distributed network, application-aware firewalls allow you to prioritise your network traffic, regardless of its location. Offering ultra-fast deployment, efficient management and vast scalability, NextGen Firewalls keep your network safe, even when it’s in the public cloud.



Protect your Cloud Servers

Consider your cloud-based servers as endpoints like any other – needing their own brand of protection. Simplify your security policies and infrastructure management by implementing security optimised for cloud environments. This technology also comes complete with the all-important ‘virtual patching’ capability, greatly mitigating the risk involved in patching your servers.

Our Security Team stands ready to help

As the largest Microsoft Cloud UK Provider, we understand the intricacies of the cloud and security. Our Security Specialists can recommend the best-fit technologies, while our dedicated Cloud Architects can provide design expertise and advice. It’s never a one solution fits all: We’ll meet your needs precisely.

You can save money too. We work with security providers to provide a pay-as-you-go model to match your cloud subscriptions. We can also offer the highest level of commercial discount with all leading security vendors. What’s more, you can bring your own license – instead of using the Azure Marketplace – to achieve further significant savings.



To discuss the range of security assessments and proof of concepts available contact your Bytes account manager today

To find out more about **Cloud Security** contact us on:
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