



WHITE PAPER

Securing Your Cloud Environment

Firewalls on IBM Cloud

EXECUTIVE SUMMARY

Firewalls are essential to protecting your cloud infrastructure from external threats and supporting your compliance requirements. Security is a shared responsibility between IBM and our customers. It is critical to ensure that you have the right firewall in place to secure your workload in the cloud.

Adding an IBM firewall to your environment helps you keep the same security level as you transition from traditional data center deployments to virtualized environments .



What We Offer

Product Features

IBM Cloud Portal and API Support

Not everyone has the time or knowledge to manage their network. IBM Cloud's portal and API-supported firewalls with our single-pane GUI provides you with everything you need to get started.

Growing with You

Firewalls are never a one-size-fits-all configuration. With our wide selection of offerings, we find the right fit for your needs.

High Availability

Select firewalls provide a ready-to-go, active-passive configuration, allowing seamless transitions and an extra peace of mind.

Next Generation Firewall (NGFW) Features

Intrusion prevention system (IPS), anti-virus (AV), and web application firewall (WAF) are available with FortiGate add-ons.

Options

Security Groups	Shared Hardware Firewall
<ul style="list-style-type: none"> Virtual firewall Instance-level protection for virtual servers Supports cloud-native topology Full API support 	<ul style="list-style-type: none"> 10Mbps-2,000Mbps Multi-tenant Instance-level protection for virtual servers and bare metal servers Instant provisioning Full API support Inbound rules only

Dedicated Hardware Firewall	FortiGate Security Appliance	FortiGate Security Appliance 10Gbps
<ul style="list-style-type: none"> Redundant 1Gbps connectivity Single-tenant Full VLAN protection (can protect multiple servers) Instant provisioning Full API support Inbound rules only Single VLAN support High availability option 	<ul style="list-style-type: none"> Redundant 1Gbps connectivity Single-tenant Full VLAN protection (can protect multiple servers) SSL and IPsec VPN termination NAT support Inbound and outbound rules Single VLAN support High availability option Customer-managed device 	<ul style="list-style-type: none"> Redundant 10Gbps connectivity Single-tenant Built for enterprises needing high throughput SSL and IPsec VPN termination NAT support Inbound and outbound rules Multiple-VLAN support for both public and private networks NGFW features included

Still not sure which firewall is right for you?

Our sales team is always available to help you determine which product best fits your needs. Visit <https://ibm.co/network-security> to learn more about these options and to contact us.

As with all IBM Cloud products, your firewalls are backed by our 24/7/365 technical support team that will assist you with configuration and troubleshooting.

For more technical information about the firewalls and FortiGate Security Appliances, visit: <https://ibm.co/firewallsFYI>

