

# Network Security - Firewalls

## Securing Your Network from Malicious Activity

At Rackspace, we are committed to ensuring the security of your hosted solution. You store valuable and confidential information on our equipment, so we offer a number of services to guarantee that it stays secure. With highly qualified security engineers maintaining our network, outstanding products like Cisco brand firewalls and Intrusion Detection Systems backed by our 1-Hour Hardware Replacement Guarantee, you are assured that Rackspace can provide you with the security that you need.

**No matter what level of security you require, a dedicated firewall is an important first step in securing your hosted environment.**

### How It Works

A dedicated firewall acts as a protective barrier to keep destructive forces away from your mission-critical data. A Rackspace Security Engineer assists you with making sure the rules you need applied to our network are safe ones while still accomplishing your business need of supplying public access to desired data. However, you establish and are the sole owner of the set of rules that defines unwanted traffic. Based on this set of rules, information that is sent to your server is inspected and then filtered (fig. 1).

### Additional Options

In addition to filtering traffic, our dedicated firewalls allow for a more secured form of communication with the implementation of a Virtual Private Network (VPN). A VPN encrypts all information between designated hosts and your Rackspace environment. This is a useful tool for securely extending your network across mobile users, business partners and corporate networks worldwide.

### Why a Dedicated Firewall?

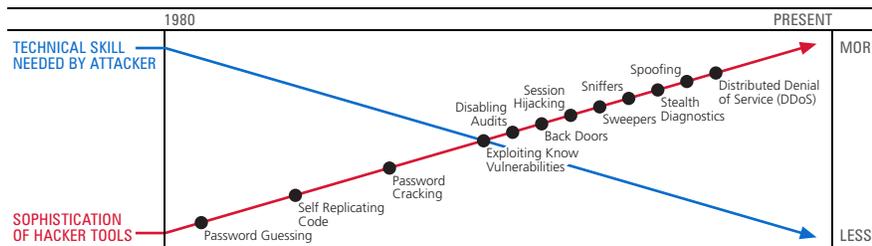
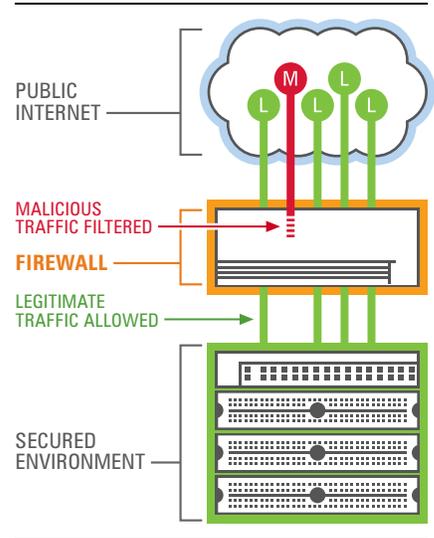
Unlike shared firewall devices that leave the possibility of unauthorized access by any other customer sharing the same firewall, a dedicated firewall provides protection exclusively to your server, and ultimately, a greater level of security.\* Additional options such as a VPN or a DMZ are not available with a shared firewall.

Although a software firewall has its place, it does not offer the same level of security as a dedicated firewall. Because setting up a software firewall can be tedious and complicated, a high level of user error is common and can create issues such as server shut-down, user lockout and system vulnerability. These situations are avoidable with a Rackspace dedicated firewall.

### Take the First Step in Securing Your Hosted Environment

Call a Rackspace sales representative today and ask for more details about *Cisco firewalls* and our other security offerings like *Intrusion Detection Systems* and *DDoS prevention*.

(fig. 1) How a Firewall Works



### More to Consider

As the sophistication of hacker tools increase over time, the actual technical skill needed to perform malicious attacks decreases.

\*Should bandwidth maximization occur due to the unlikely event of a customer's server being compromised, the customer will incur no overage charges.

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