



## Fortress™<sup>1,2,9</sup> Server Breach Protection and More

Fortress™ is a software product designed to protect your new Ubuntu<sup>6</sup> 64-bit web servers and database servers as well as other types of servers. It is designed to operate through attacks while fending them off using AI.

Many hacking tools were tried against our Fortress™ server breach protection product. None worked. We even hired hackers<sup>3</sup> to break in but they failed<sup>4</sup>. Then we added even more security. The result is our Fortress™ global challenge to break Fortress™ was issued. Millions of attempts have been made to breach this product from 184 countries (out of 196 total), all without success. Visit our website and take the challenge yourself! We also took Fortress™ to DefCon<sup>(R)</sup> 2017 and issued a \$10K challenge to breach our product and no one could! This year we gave away the administrative password to hackers and still no breaches! We've added USB detection and warning as well as automated patches (updates) of your server and a form of stealth!

Picture this. Fortress™ is installed on your server and you can go about using your server for SFTP, SSH, vending websites, hosting a database server and backing it up all while under ferocious attack! Now it comes under a massive DDos attack and just keeps on working! Fortress was built from the

beginning to function in a totally compromised network. It works so well and is so automated that you can forget about it. Should a hacker somehow breach the outer defenses, Fortress™ has more layers of defense. If it were somehow possible to breach enough layers, Fortress™ will message a human for help. In 4 years running on our Fortress™ servers, we have never gotten a message except during testing. Fortress™ has never had a breach of any kind! It is unfazed by the WikiLeaks Vault7 exploits.

### Continual Protection Via:

- Malware Protection
- DDos Protection
- Web Application Firewall (WAF)
- Intelligent software - makes real-time defense decisions for you
- Defense in Depth
- Host Intrusion Detection (HIDS)
- Network Intrusion Detection (NIDS)
- Checks and alerts for changes to system files
- Checks and alerts for changes to Firewall
- Checks and alerts for changes to superuser acct's
- Checks and alerts for changes to installed packages
- Checks and alerts for changes to system files
- Attack Surface Reduction

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# Fortress™ 1,2

## Server Breach Protection and More

- Firewall Enhancement
- Real-time monitoring
- Permissions Audited for all files
- Webserver Protection
- Database Protection
- Checks configurations, password files, user accounts, anonymous FTP setup, the presence of log files, NTP, SFTP users configuration and so on....
- Real-time blacklist lookups and Firewall updates
- HTTP Flooding protection
- Hardening
- Monitors network connections
- Scans system logs for anomalies
- Automated system updates (patches) to your server
- Autonomous operation - no monitoring needed
- Bots, crawlers, and scanner protection
- Stealth **NEW**
- Protection of Passwords<sup>5</sup>
- Alerts via email or texts **NEW**
- Artificial Intelligence **NEW**
- USB Insertion Notification **NEW**
- Updates to ransomware and phishing protection.
- Continuous reporting of attacks, actions taken and alerts via a web report **NEW**
- These are only the security features we can tell you about!
- Annual License includes product enhancements and support.<sup>8</sup>

Save time securing your servers by taking advantage of our continuous security research. Our Fortress™ server breach protection product will protect your new Ubuntu<sup>3</sup> 64-bit web or database servers today while fighting against degradation of security over time due to human error!

Defenses are automated and Fortress™ will call for help if needed. This means your cyber security personnel can focus elsewhere.

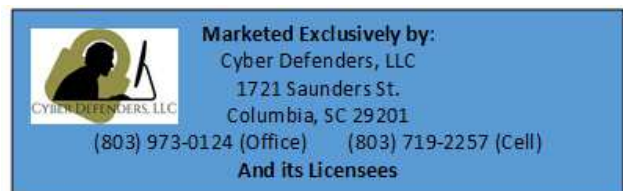
### Uses

While this product can and should be used on all servers, it is particularly suited to high security needs such as key storage, a high security database, secure web server, or storage of intellectual property.

### Compliance

Product facilitates compliance with the following NIST 800-171 requirements: 3.1.1, 3.1.2, 3.1.5, 3.1.7, 3.1.8, 3.1.13, 3.3.1, 3.3.4, 3.3.7, 3.3.8, 3.3.9, 3.4.3(tracking), 3.4.7 (sys cmds), 3.4.8, 3.5.7, 3.5.10, 3.6.2, 3.7.1, 3.13.6, 3.14.2, 3.14.4 and 3.14.6.

**Wouldn't you like to have  
Fortress™ protecting your servers?  
It has NEVER been hacked in over 4  
years in the cloud and outside any  
firewall.**



<sup>1</sup> Licensing restrictions apply.

<sup>2</sup> Works for Linux Ubuntu 16.04 and LAMP servers (web server + database server) on a hardware server. Currently Fortress™ is certified to run virtually on Parallels Virtuozzo Containers and Oracle's VirtualBox with other's being added soon.

<sup>3</sup> See the Fortress™ White Paper for more details on this.

<sup>4</sup> Results: "This particular host is a hard target and so long as software remains updated and user web applications are reviewed and controlled, it will likely remain a hard target"

<sup>5</sup> Password cracking time is estimated at 2,000 centuries on a supercomputer.

<sup>6</sup> Ubuntu is a registered trademark of Canonical Ltd. Our product is certified on 16.04.

<sup>8</sup> Support is via email or phone.

<sup>9</sup> You do have to do your part, even with Fortress™. If you put software on it that is full of bugs, the hackers could get in that way. If you set an admin password that is easily guessable, the hackers could get in that way and so on.