

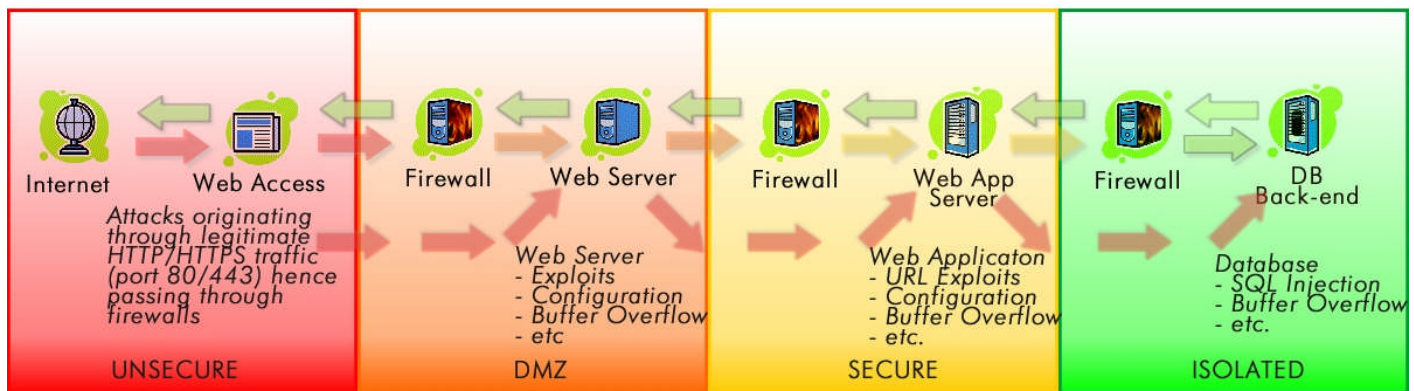
Espion Interceptor Secure Proxy

How can the bundled Interceptor based Secure Proxy solution increase my web application security compared to what I currently have?

Here's how - take a look at the typical web application deployment scenario below and then how Interceptor can improve on it.

TYPICAL WEB APPLICATION DEPLOYMENT SCENARIO:

Although this should be the norm for deploying web applications, many organizations do not go even this far to secure their web jewels.

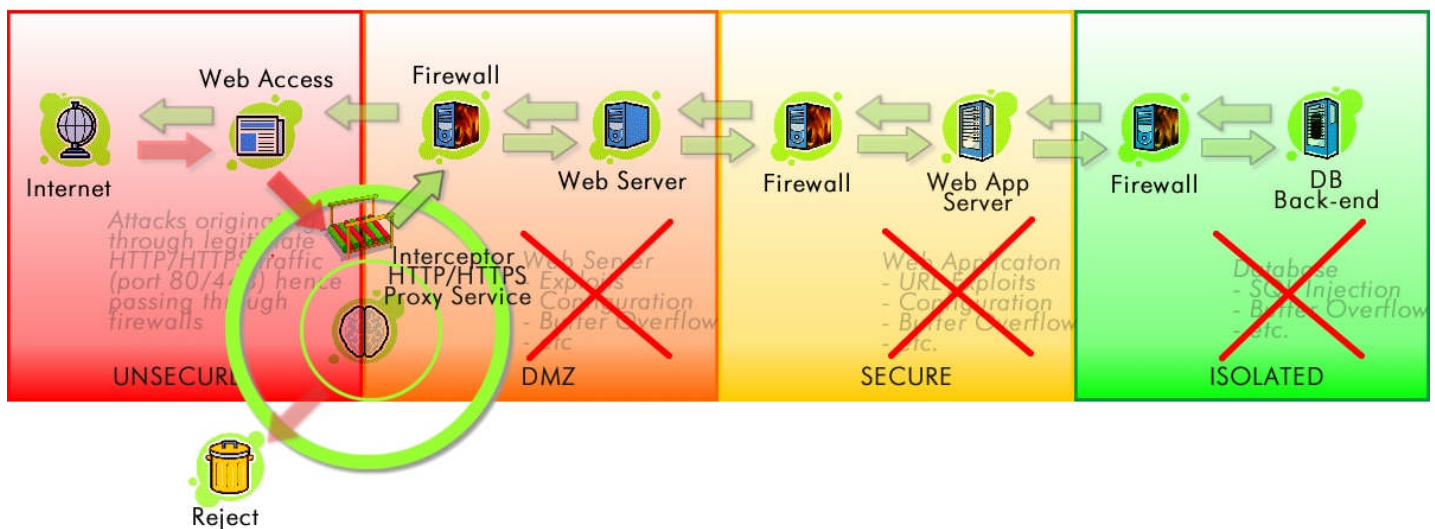


Typical Web Application Deployment Scenario		
Characteristic	Exposure	Description
Security Risk	HIGH	The weakest feature of such deployment is that it relies on ability of the application infrastructure (i.e. web server, web application server or database server) to resist the attack.
Maintenance	HIGH	Each application server and each firewall requires continuous security and/or application maintenance to address the latest security threat.
Cost	HIGH	Security related application updates and their expedited functionality testing, integration testing and implementation, usually drive the cost of this solution much higher than anticipated. Also, the timing of changes can not be anticipated, hence it is hard to budget for such changes.
Scalability	HIGH	Web application architecture is usually easily horizontally scalable.
Economies of scale	LOW	Although convenient, horizontal scalability usually means that the solution will become more and more complex and hence, expensive, as number of infrastructure elements increases.

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INTERCEPTOR SECURE PROXY DEPLOYMENT SCENARIO:

Interceptor self-maintains an Intrusion Prevention System database with over 950 web attack signatures, adding or updating signatures as soon as any other peer device in the world comes across a new pattern. These signatures cover such areas as web server configuration (Apache, IIS, Domino), CGI's (PHP execution, Perl vulnerabilities), Coldfusion, Frontpage, etc. Once Interceptor IPS recognizes the web based attack, it rejects any further traffic being directed at any device on the secured side of the network.



Interceptor Secure Proxy Deployment Scenario		
Characteristic	Exposure	Description
Security Risk	LOW	Interceptor provides the first line of defense, preventing direct exposure of even web server - typically the only device in the DMZ.
Maintenance	LOW	Interceptor maintains its' Intrusion Prevention System database without any need for manual intervention.
Cost	LOW	Interceptor IPS is integrated part of the Interceptor package - so it comes as an added bonus feature at no additional cost.
Scalability	HIGH	Interceptor IPS has the same scalability as the appliance itself - from a few hundred users to 20,000 users per clustered pair.
Economies of scale	HIGH	This is where the biggest advantage of Interceptor solution shows well. The more protected devices behind Interceptor, the lower cost of security gets!

BackGround Software

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