

# GWAVA 4.5



GWAVACon

## GWAVA 4.5:

Soft Appliance + SMTP Scanner

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- Appliance Installation
  - Requirements
- Why?
  - Performance, stability, resource allocation
  - Get full GWAVA feature set
    - Signature Spam scanning, Connection Dropping
  - Separate Spam scanning and mail handling for use with any Mail System

# Appliance Concept



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**Sending Mail Servers:**  
Spammers or legitimate mail sources both send mail to the servers listed in your MX record

## GWAVA Appliance with SMTP Scanner:

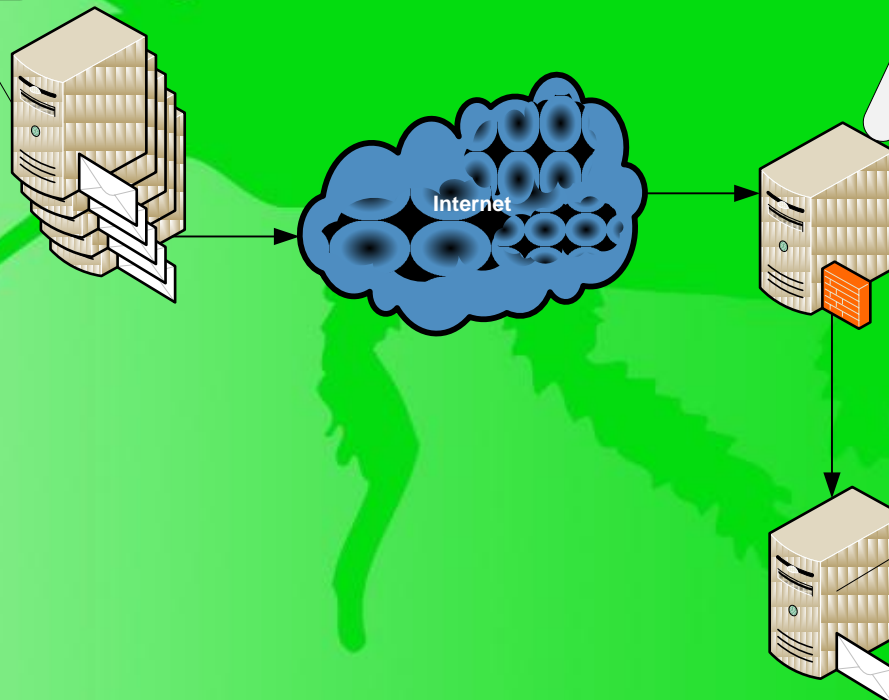
Filters unwanted email before your email system has seen it much like a proxy server.

### Sample Numbers:

Mail Connection Requests Received	500,000
Remaining Mail Connections After Connection Dropped	150,000 (30%)
Remaining email after MIME File scans	50,000 (10%)

## Internal/Receiving Mail Server:

Receives pre-filtered legitimate mail only and routes it appropriately to the user.



# Appliance Install



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- Provides a pre-configured operating system for GWAVA
  - Dedicated GWAVA server
  - Hardened and optimized SLES 10
  - Automatic operating system updates
- Quick installation with no extra overhead from the operating system components
  - Easier resource allocation
  - Requires zero Linux experience/knowledge

# Lab 1: SMTP Setup



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- Goals
  - Configure domain List
  - Configure SMTP scanner
  - Configure connection dropping

# Demo: Dropping



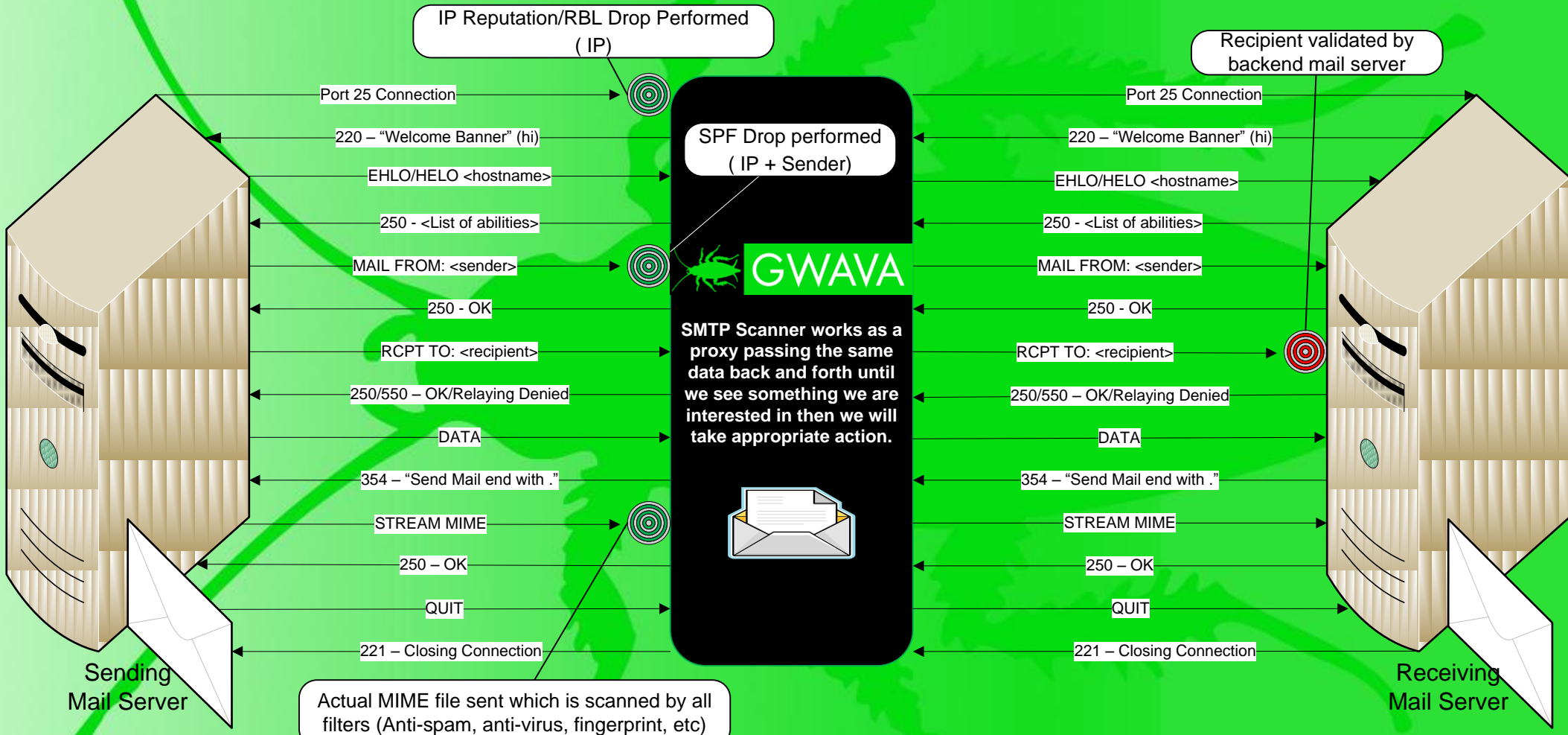
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- CPU Utilization w/ Connection Dropping on
- CPU Utilization w/ Connection dropping off
- Comparison and difference

# Dropping Details



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# Lab 2: SMTP Drop



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- Goals
  - Verify SMTP scanner is operational from Lab1
  - Get connection dropped



# Questions



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