

# GWAVA 4.5

Next Generation of GroupWise Security



GWAVACon

A large, semi-transparent green silhouette of an insect, likely a fly or beetle, centered on the slide. The insect is facing left and has long antennae and legs.

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Thomas Stegemann

# GWAVA 4.5

MTA & POA Scanner



GWAVACon

- GroupWise Characteristics:
  - E-Mails are stored encrypted
  - E-Mails can no longer be read, scanned or searched by traditional AV-Engines
  - Viruses can attack your Infrastructure via „Backdoor“ (Instant Messaging, Web browsing...)
  - A Virus could be passed between employees unchecked

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## Scanners



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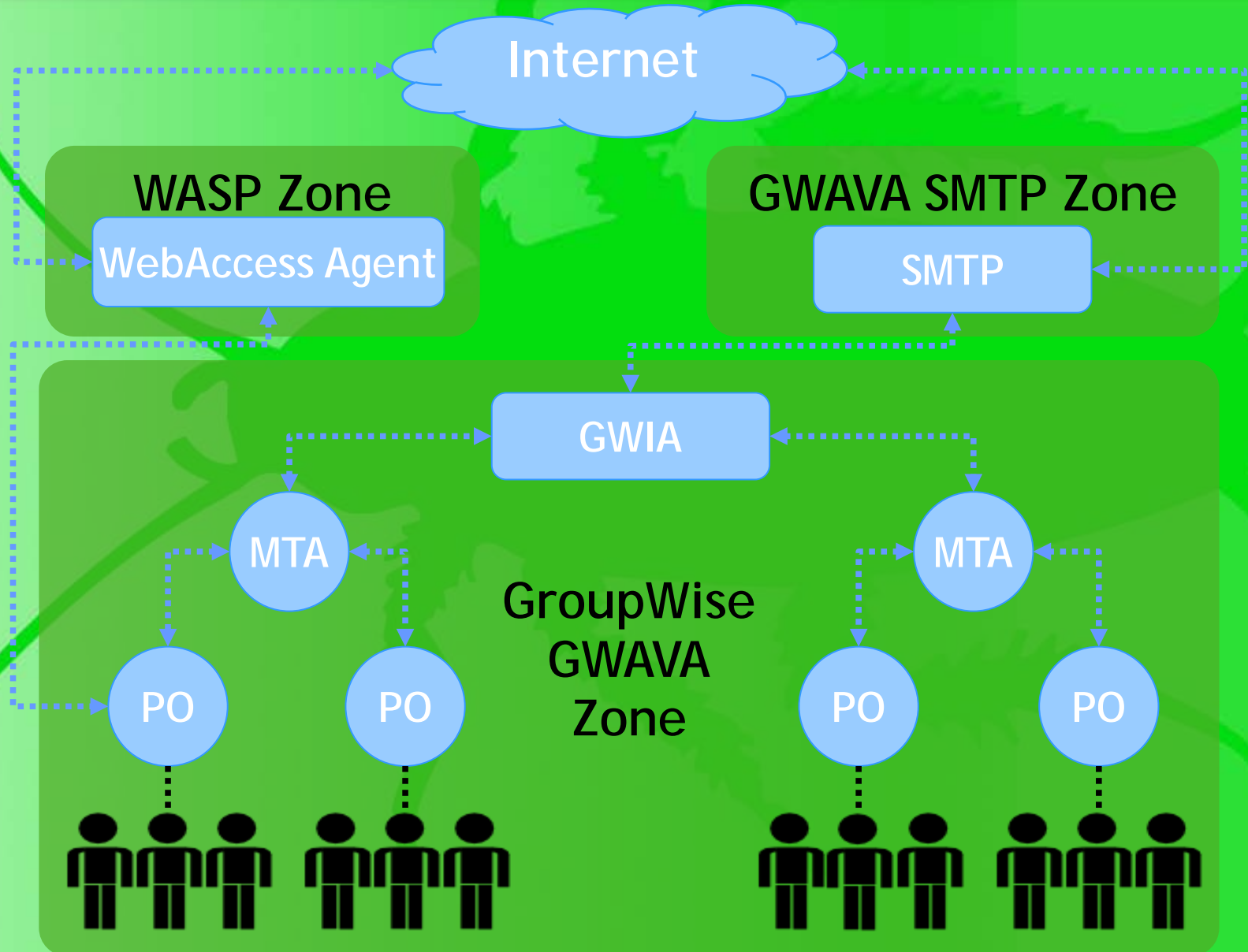
- SMTP - Perimeter
  - GWIA - Gateway
  - MTA - Internal
  - POA - On demand
- 
- Only GWAVA secures a GroupWise system from the inside out
  - Only GWAVA protects every layer of message flow
  - Only GWAVA can remove viruses retroactive

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GroupWise with GWAVA4.5 and WASP 2



GWAVACon



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## What's New?



GWAVACon

- SMTP Scanner
- AntiVirus Engine
  - Integrated Kaspersky
  - Zero Hour Outbreak protection
- New AntiSpam Engine
  - IP Reputation
  - Pattern detection engine
- Centralized QMS
- Self-Installing ISO

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Anti SPAM



GWAVACon

- Realtime Blackhole List
- SURBL
- Signature AS Engine
  - Auto updates
- Propability AS Engine
  - Adaptive auto learning engine
- IP Reputation Filter
- Greylisting
- Sender Policy Framework (SPF)
- Conversation Tracking
- Content Filter

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Anti Virus



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- Integrated Kaspersky AV
- Zero hour virus outbreak protection
- Automated Signature updates

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## additional notes



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- GWAVA 4.5 supports:
  - GroupWise, Exchange, Lotus Notes, Tobit David etc.
- Clustered Environment
- Virtualized Environment
- Outbound Email Filtering
- Email watermarking

*„Novell trusts GWAVA to protect their internal systems from viruses.“*

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## SMTP Message Flow



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->Connection from 62.153.175.26

<-220 gwava.com Ready

->ehlo [62.153.175.26]

<-250-gwava.com

->mail FROM:<news@novell.com>

<-250 Ok

->rcpt TO:<info@gwava.com>

<-250 Ok

->data

<-354 Start mail input; end with .

<-250 Ok

->quit

<-221 gwava.com Closing channel

IP Reputation, RBL, Greylisting

SPF

Recipient Verification

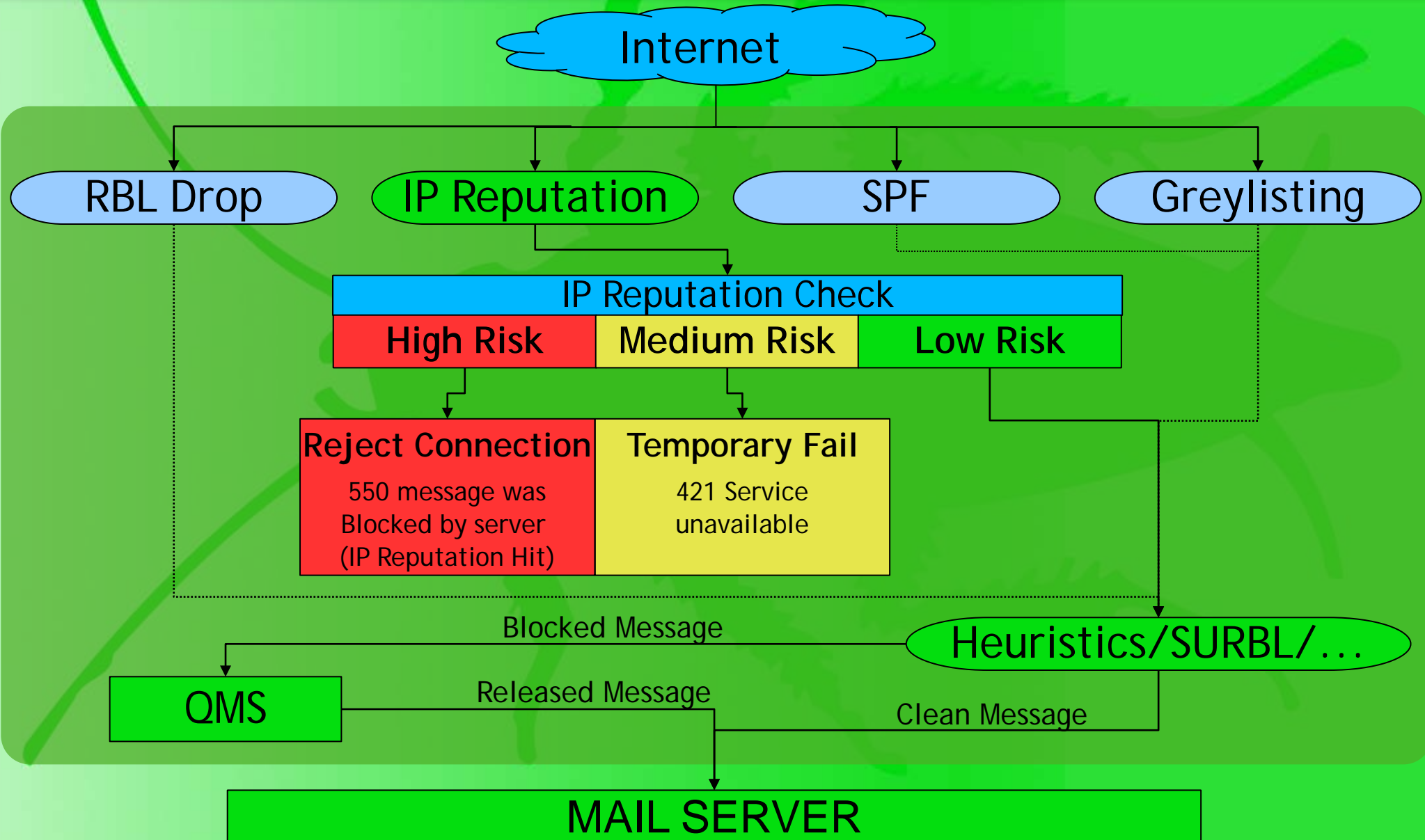
Heuristics, SURBL, AntiVirus,  
Fingerprinting, Textfilter, ...

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## IP Reputation functionality



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## Sender Policy Framework



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- Prevents Domain spoofing
- [www.openspf.org](http://www.openspf.org)
- gwava.com „v=spf1 a mx mx:gwava.eu -all“
- GWAVA requires „-all“ = Fail on all not listed

# WASP 2

## WebAccess Server Protection



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- AntiVirus support
- Attachment blocking
- Fingerprinting
- Oversize attachment blocking
- Exception and filtering
- NetWare, Linux and Windows(remotely)

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Live Demo



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Live-Demo

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Next Generation of GroupWise Security



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Thank you!  
Questions?