

Locking down Exchange Server: Security enhancements in Exchange 2003 SP2

E-mail Security Webcast Series: Part 4 of 5

Speaker: Lee Benjamin



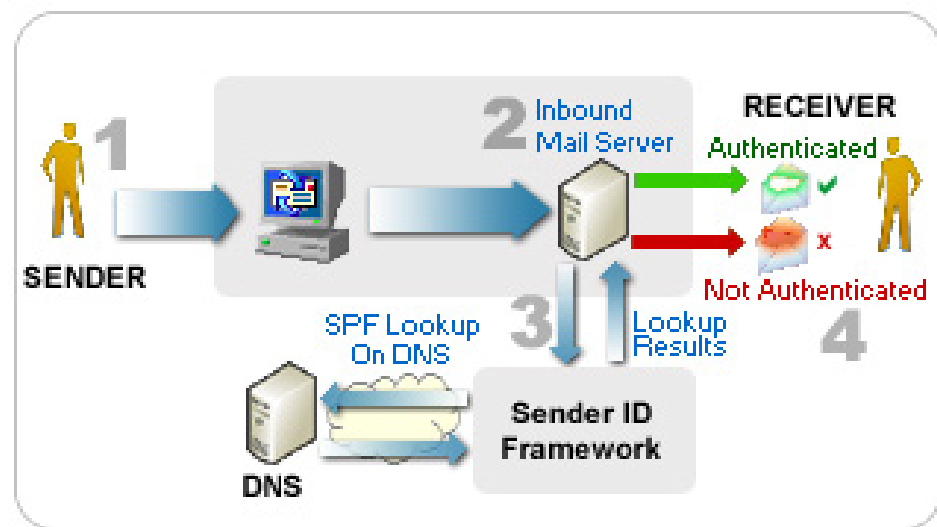
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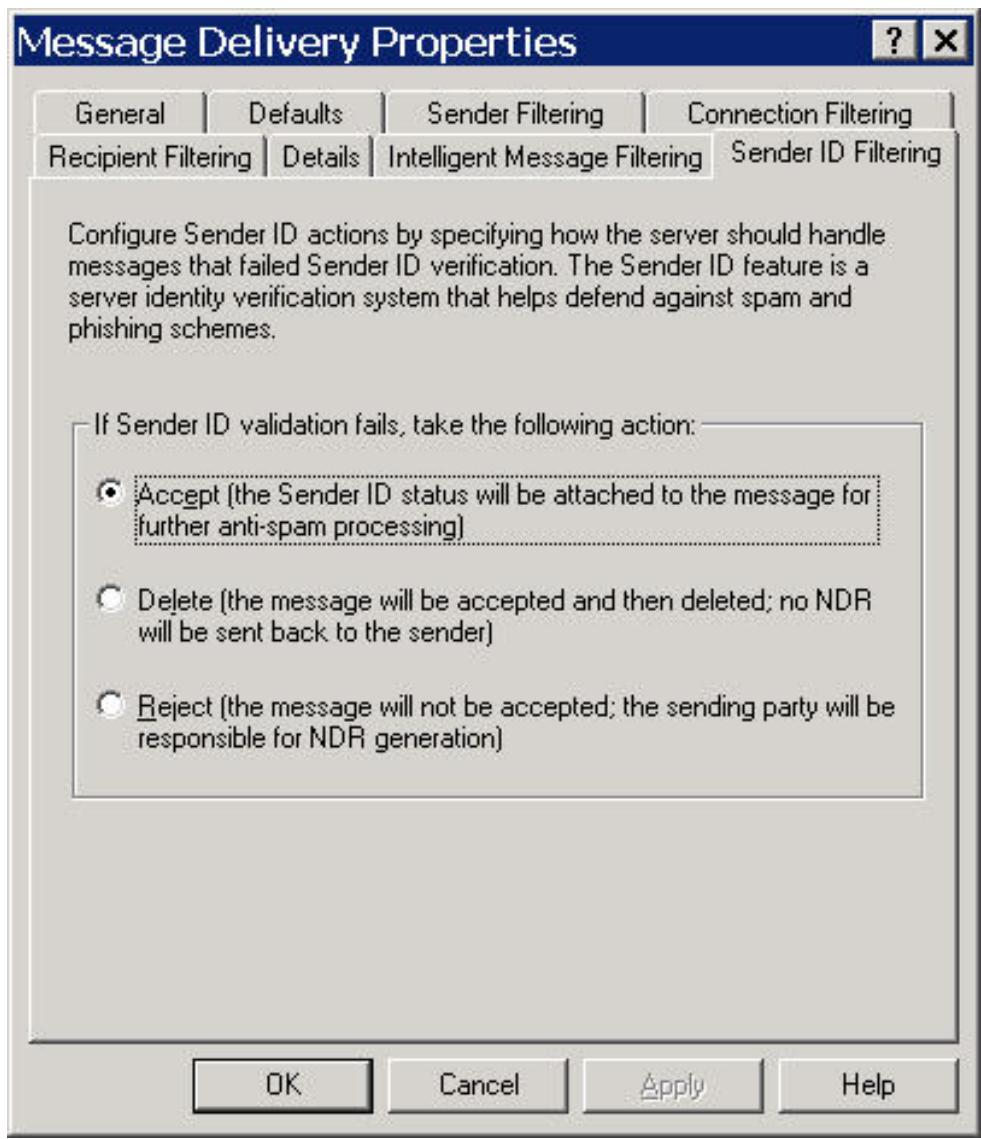
Service Pack 2 for Exchange 2003

- **Exchange Standard Edition Database Size 75 GB**
 - How Long to Back That Up?
- **Intelligent Message Filter (IMF) Built-In**
- **Anti-Phishing in Outlook Client and IMF**
- **Mobile Improvements**
 - Push Email (Like Blackberry)
 - Security Enhancements
 - Treo running Windows Mobile !!
- **SenderID**

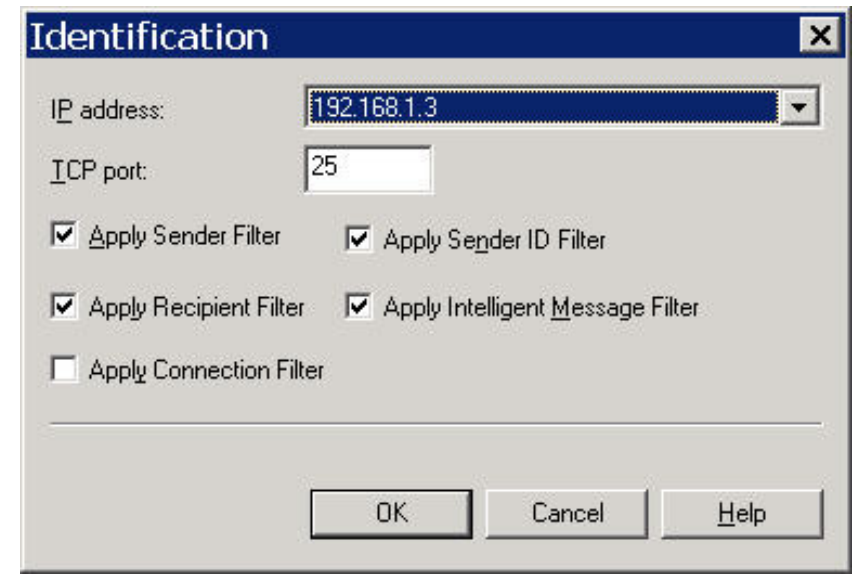
SenderID

- **Is the Original Sending IP Address a Valid SMTP Sender for the Registered Domain**
- **If Message Header Says From Microsoft.com**
- **Then Lookup Valid SMTP Senders in Microsoft.com External DNS?**
- **Is Sending IP on That List?**
 - **Yes, Deliver the Email**
 - **No- Most Likely Spam, Delete or Archive The Message**
 - **Configurable Response If No SPF Record**
- **SPF, What's That?**
 - **SenderID is Merger of CallerID and Sender Policy Framework**
- **Royalty-Free Sender ID for E-mail License Agreement**





SenderID Filtering in Exchange 2003 Service Pack 2



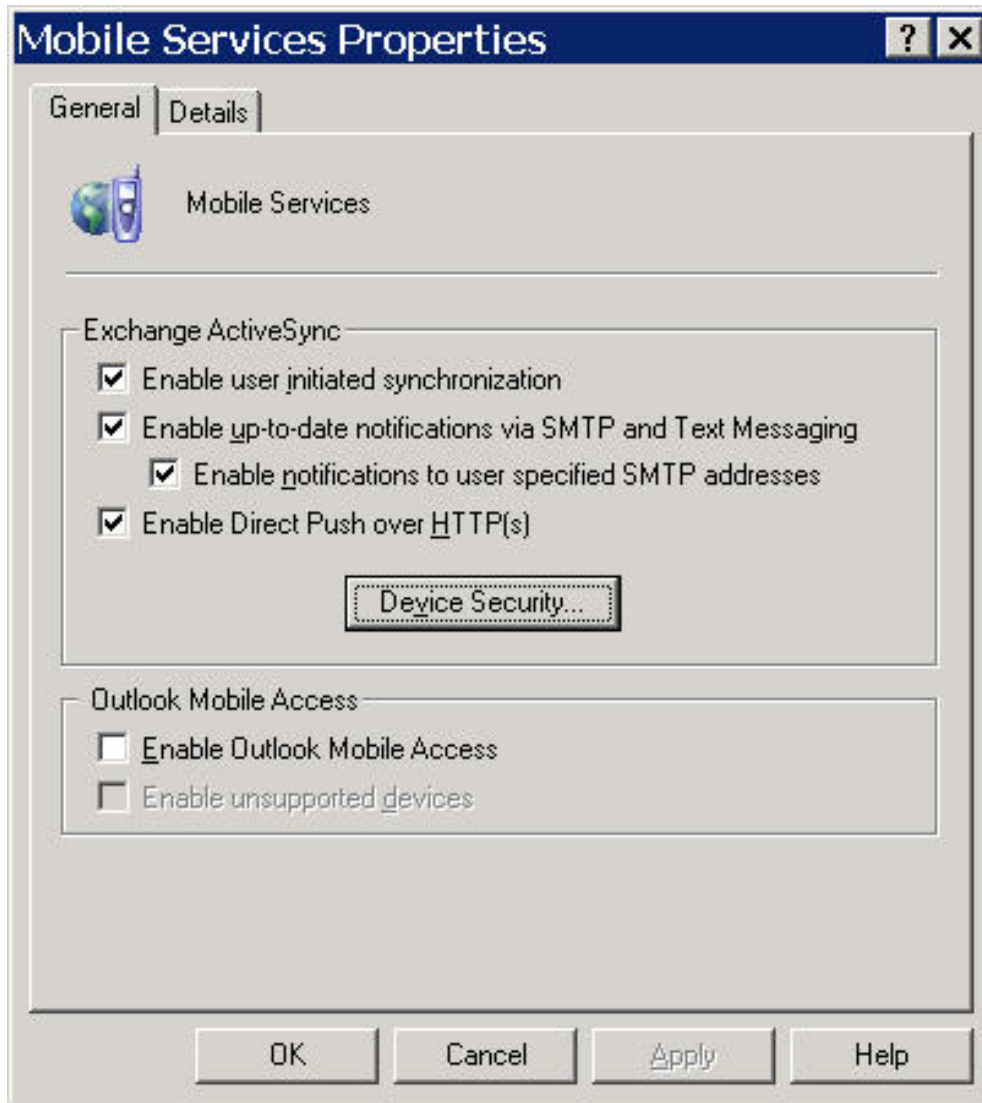
SPF Record

- **DNS TXT Record**
 - TXT is Rarely Used DNS Record Type
- **Add to You Public DNS (External Facing)**
- **v=spf1 mx ip4:207.172.210.196 mx:exchangeGuy.com ~all**
- **Help Building...**
 - <http://www.microsoft.com/senderid/>
 - **Link To Sender ID Framework SPF Record Wizard**
 - <http://anti-spamtools.org>

Microsoft estimates 25% Inbound to Hotmail is using SPF/SenderID (June 2005)

SP2 Mobile Security

- **Secure MIME on Mobile Devices**
 - **Already SSL Today**
- **Exchange Policy Password Enforcement**
- **Remote Wipe of Devices**
- **Wireless to Desktop ActiveSync Removed**
- **Must Use Exchange-ActiveSync**



Mobile security in Exchange 2003 Service Pack 2



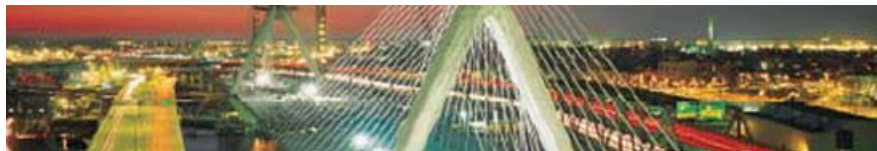
Resources

- **Exchange Team Blog**
 - <http://blogs.technet.com/exchange>
- **Exchange Best Practices Analyzer**
 - <http://www.exbpa.com>
- **Exchange Server 2003 Technical Documentation Library**
 - <http://www.microsoft.com/technet/prodtechnol/exchange/2003/library/default.mspx>
 - Message Security Guide for Exchange Server 2003
 - Ten Additional Exchange Security Documents
- **Exchange Virtual Labs**
 - Web-based Access To Labs
- **Utilities and Add-On Products**
 - <http://www.Slipstick.com>
- **TechTarget Articles**
 - <http://www.SearchExchange.com>

Thanks!



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