In the Boxing Ring
MAY 2019

Network Box Technical News

from Mark Webb-Johnson
Chief Technology Officer, Network Box

Welcome to the May 2019 edition of In the **Boxing Ring**

This month, Network Box's Managing Director, Michael Gazeley, introduces the new **Network Box Spam Reporter.** We all have to use email for work, and the most annoying thing about email, is without question Spam. Even though Network Box currently blocks 95-98% right out-of-the-box, we all still have to deal with the Spam that gets through. So, if you are a Network Box client, where does that leave you, on the email front-line against Spam? The first thing is to report any Spam that manages to arrive in your inbox, to us; and using this, we can then fine-tune your Spam settings. The Network Box Spam Reporter makes this submission process smoother, by adding a [Report Spam] button, in your *Outlook* tab. This is discussed in further detail on pages 2-3.

On page 4, we highlight the features and fixes to be released in this month's patch Tuesday for Network Box 5.

In other news, Network Box was listed as a *Major Player* in the **Global Cloud Intrusion Detection and Prevention Report**. In addition, Network Box was featured in various media outlets including **The South China Morning Post**, **The Standard**, **CHIPIN**, and **CRN**. Finally, Network Box Hong Kong was invited by **The Law Society of Hong Kong** to give a talk at their second *Cybersecurity for SME* Event.

Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
May 2019

Stay Connected

You can contact us here at Network Box HQ by email: **nbhq@network-box.com,** or drop by our office next time you are in town. You can also keep in touch with us by several social networks:

https://twitter.com/networkbox

https://www.facebook.com/networkbox
https://www.facebook.com/networkboxresponse

https://www.linkedin.com/company/network-box-corporation-limited/

https://www.youtube.com/user/NetworkBox

In this month's issue:

Page **2** to **3**
Network Box
Spam Reporter

On pages 2 to 3 we discuss the issues of blocking incoming Spam, and how the **Network Box Spam Reporter** plugin-in for *Microsoft Outlook,* can make the process of submitting Spam much easier for you.

Page **4**
Network Box 5 Features

The features and fixes to be released in this month's patch Tuesday for Network Box 5.

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Network Box Highlights:

- **Network Box Hong Kong**
  The Law Society of Hong Kong: *Cybersecurity for SME Event*

- **Network Box Media Coverage**
  - QYResearch
  - South China Morning Post
  - The Standard
  - CHIPIN
  - CRN

Network Box
Spam
Reporter
for Microsoft Outlook

by Michael Gazeley
Managing Director
Network Box

> We all have to use email for work, and the most annoying thing about email, is without question, **SPAM**

Even though Network Box currently blocks 95 to 98% of Spam right out-of-the-box, before any kind of machine learning, fine tuning, or customization is implemented; we all still have to deal with the Spam that gets through. Currently, we are seeing a 99.28%* success rate on our Spam Traps.

There are three main reasons it is essentially impossible to automatically block all Spam:

First, is that as automated systems get nearer and nearer to blocking 100% of Spam, the risk of accidently blocking a genuine email, exponentially increases too. Logic dictates that as more and more of the 'obvious' Spam is blocked, what is left is increasingly less obvious. Network Box aims to block less than one genuine email, in every ten thousand emails received.

Second, is that what different people, even people in the same job function, working at the same organization, regard as Spam will often differ, within that last remaining percentage of potential Spams. Indeed, it is even possible for the SAME PERSON, to regard the SAME EMAIL, as Spam, or a legitimate email, depending on the exact circumstance. For example, a person was looking to buy a house, then actually buys a house, suddenly rendering a previously useful property newsletter 'Spam.'

** for real-time statistics, please visit: **http://response.network-box.com/services***

Third, Spam evolves. The people sending Spam, take great care to improve and refine, both how their Spam is sent, and what that Spam contains. If none of their Spam can get through to potential clients, that would be the end of their commercial operations. People that send Spam, are therefore highly incentivised to adapt their emails, so that they can bypass Anti-Spam systems.

So if you are a Network Box client, where does that leave you, on the email front-line against Spam?

Well, the most important, and most powerful thing you can do, is report any Spam that manages to arrive in your inbox, to us at Network Box. There is a special email account (spam@network-box.com) which you can send Spam to, and once you do, our automated systems and duty engineers, will create a signature to handle it, and PUSH update your physical, virtual, or cloud, Network Box system.

However, there is one caveat; producing an effective Anti-Spam signature requires that the original email envelope is included. Just like Sherlock Holmes needing to discern clues from both the contents of a letter, and the envelope the letter came in*; Network Box needs to examine both an email's contents, and that email's envelope headers.
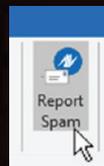
Unfortunately, this means that just 'forwarding' a Spam isn't enough, you have to ensure its email envelope is preserved for forensic examination.

In Microsoft Outlook, that means either having to take care to select, 'Forward as an Attachment,' or opening a Blank Email, then dragging and dropping the Spam into it.

In either case, you would still have to take the time to address the email, click send, deal with several potential additional steps, such as the email not sending due to it having no Subject, or it having spelling mistakes; then finally even when it has been sent, the last additional step of deleting the email from Outlook.

We now have a much better solution, the Network Box Spam Reporter for Outlook. It is completely free for Network Box clients. Just download it. Install it. Then use it to painlessly eliminate that last one percent of Spam from your Outlook Inbox.
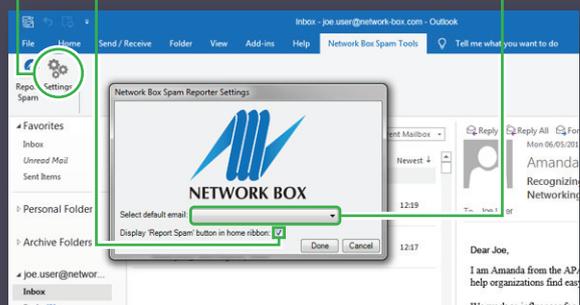
To use it, you highlight a Spam, then click the Network Box **Report Spam** button. It is as simple as that. The Spam is then automatically sent to Network Box to be handled, deleted from your Outlook email account, and Network Box will send you a quick real-time report to tell you the Spam is being handled.

Network Box's latest weapon against Spam. Simple. Efficient. Free. Try it today.

Network Box Spam Reporter Installation Guide

1. Download the App using the link below
   LINK: http://download.network-box.com/tools/SpamReporter.zip

2. Extract the downloaded zip file and open the folder:
   Network_Box-Spam_Reporter

3. Double click **setup.exe** and click **Install** from the pop-up window. Once installation is complete, restart Outlook.

4. Upon first opening of Outlook after installation, you will be prompted with further instructions in a pop-up window, click **OK** to proceed.

5. Click on the **Network Box Spam Tools** tab at the top, and click **Settings**.
   - In the new window, use the pull down menu to select your email address from **Select default email**.
   - Click the check box if you would like to have the **Report Spam** button in your ribbon.

* Doyle, Sir Arthur Conan; *The Adventures of Sherlock Holmes: The Five Orange Pips;* (Nov. 1891) The Strand Magazine.

Network Box 5.5

NEXT GENERATION MANAGED SECURITY

On Tuesday, 7th May 2019, Network Box will release our patch Tuesday set of enhancements and fixes. The regional SOCs will be conducting the rollouts of the new functionality in a phased manner over the next 14 days.

Network Box 5 Features
May 2019

This month, for Network Box 5, these include:

- New optional network interface naming scheme

- Improvements to UTF8 character display of eMail logs, in administration portal

- Support for NBSIEM+ log submission

- Support for NBSIEM+ log concentration/aggregation, and submission

- Updated link speed testing utility

- Enhancement for force email addresses to lower case, in administration portal

- Enhanced support for NOC systems

In most cases, the above changes should not impact running services or require a device restart. However, in some cases (depending on configuration), a device restart may be required. Your local SOC will contact you to arrange this if necessary.

Should you need any further information on any of the above, please contact your local SOC. They will be arranging deployment and liaison.

Network Box HIGHLIGHTS

NETWORK BOX

Network Box Hong Kong
The Law Society of Hong Kong

Network Box was invited by **The Law Society of Hong Kong** to talk at their second *Cybersecurity for SME Firms* event. Network Box briefed the law firms present, on Managed Cyber-Security in general, but focused on the threats posed by the Dark Web, and how firms can protect themselves, by leveraging Network Box's new **Dark Web Monitoring Service**.

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Network Box Media Coverage

QYResearch
Global Cloud Intrusion Detection and Prevention Market Share and Growth 2019
LINK: https://bit.ly/2vFDXow

SCMP
Huge overhaul will drag Hong Kong's MPF pension fund into 21st century and could slash notoriously high service fees
LINK: https://bit.ly/2VGz2Cw

The Standard
Central Station
by Nury Vitacchi
LINK: https://bit.ly/2Vh6NuS

CHIPIN
IoT Expert Lyle Hauser Explains How to Protect Your Smart Devices from Cyber-Attacks
LINK: https://bit.ly/2LqoWSq

CRN
Neuer Service von Network Box scannt das Darknet
[New service from Network Box Darknet Scanning]
LINK: https://bit.ly/2H4p1XD

Network Box startet Security-Service für Kleinstunternehmen
[Network Box launches micro-enterprise security service]
LINK: https://bit.ly/2vGwLbI