

NOV 2017

In the Boxing Ring

Network Box Technical News

from Mark Webb-Johnson, CTO Network Box

Welcome to the November 2017 edition of In the Boxing Ring

This month, Network Box is pleased to announce the next in our line of cloud offerings: **Cloud Reputation Service**. This service allows domain names and IP address ranges used by Network Box customers to be registered and continually monitored against hundreds of public reputation lists, to ensure they are not blacklisted. This is discussed in further detail on page 2.

On page 3, we highlight the features and fixes to be released in this month's patch Tuesday for Network Box 5.

Finally, Network Box Germany was at **IT-SA 2017**, one of Europe's largest expo for IT security; and also participated at the **ComTeam System House Conference**, held at Mendig Air Base. In addition, Network Box's Managing Director, Michael Gazeley, was interviewed by **ComputerWorld HK** about Computer Security and Penetrating Testing; and Network Box Singapore was at this year's **CloudExpo Asia**, held at Singapore's Marina Bay Sands Expo and Convention Centre.



Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
November 2017

You can contact us here at 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:

twitter <http://twitter.com/networkbox>

facebook <http://www.facebook.com/networkbox>
<http://www.facebook.com/networkboxresponse>

Linked in <http://www.linkedin.com/company/network-box-corporation-limited>

Google+ <https://plus.google.com/u/0/107446804085109324633/posts>

In this month's issue:

2 – 3

Cloud Reputation Service

The Cloud Reputation Service ensures customer's domain names and IP addresses are not blacklisted from public reputation lists. Currently, Network Box is checking domains against 43 public reputation services, and IP addresses against 170. These numbers vary depending on circumstances, highlighted on page 2.

3

Network Box 5 Features

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

4

Network Box Highlights:

- **Network Box Singapore**
CloudExpo Asia 2017
- **Network Box Germany**
IT-SA 2017
- **Network Box Hong Kong**
ComputerWorld Interview
- **Network Box Germany**
ComTeam System House Conference 2017



Cloud Reputation Service

Network Box is pleased to announce the next in our line of cloud offerings: **Cloud Reputation Service**.

Using this system, we can register the domain names and IP address ranges used by our customers, and continually monitor them against hundreds of public reputation lists. Any reputation issues discovered will be alerted using Global Monitoring System tickets.

To use this optional service, our customers provide their domain names and public IP address subnet ranges, to their support SOC. This information is then entered into the Cloud Reputation Service database, and from then onwards the domains and IP addresses are periodically monitored to ensure they are not blacklisted in these public reputation lists. If a blacklist is found, a GMS ticket is raised to inform the customer/SOC of the problem. Once a blacklist is cleared, the ticket will be closed.

- The customer has full control over which of his domains / IP addresses will use the service.
- Network Box will periodically check those domains against cloud reputation services, and notify the customer (via GMS ticketing) of any reputation issues found.
- This service is provided on a 'best efforts' basis.

Network Box also publish these cloud reputation entries in our own RepDB (reputation database), as whitelisted (to ensure that we and our partners do not blacklist).

In general, we recommend customers monitor their primary domain names, mail transfer sub-domain names, and all public IP address ranges. As well as individual IP address, entire public subnets can be monitored.

Today, we check domains against 43 public reputation services, and IP addresses against 170 (note that these numbers go up/down over time, depending on availability, popularity, and reliability of the different reputation services). We also maintain these lists on a regular basis, in order to provide the most accurate reputation check results.

Network Box 5

NEXT GENERATION MANAGED SECURITY

On Tuesday, 7th November 2017, Network Box will release our patch Tuesday set of enhancements and fixes. The regional SOC's will be conducting the rollouts of the new functionality in a phased manner over the next 14 days.

Network Box 5 Features November 2017

This month, for Network Box 5, these include:

- Licensing change to improve support for hyper-threaded cores in virtual boxes
- New V-295 virtual box model (equivalent to M-295i physical box model)
- Show hard, and solid state, disk summaries and endurance lifetimes in GMS DISK sensor
- Enhanced support for logging of application at network firewall level
- Improvements to recording of firewall summary statistics, by entity
- Improved performance of admin portal Network /VPN / Connections display
- Include entity name (in addition to ID) in syslog logger output
- Improvements to POP3 email scanning handling of NOOP command
- Improvements to NTLM v2 support for firefox web client
- Improvements to web authentication support for chrome web client
- Enhanced support in Kiosk mode, for filtering by specific destinations
- Introduction of a revised template in WAF block pages, to limit exposure of potentially sensitive information
- Improved support for 7z archive format in mail scanning
- Treat .vbs extensions as executable classification, in mail scanning policy control



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 ISO 9001 / ISO 20000 / ISO 27001 certified Security Operations Centre, ensures that customers' networks are protected against cyber threats, 24x7x365.



Network Box Singapore CloudExpo Asia 2017



Network Box Singapore was at CloudExpo Asia 2017, in conjunction with Cloud & Cyber Security Expo 2017, held at Singapore's Marina Bay Sands Expo and Convention Centre. During the event, attendees were introduced to Network Box's Managed Cloud Protection.



Network Box Germany IT-SA 2017

Network Box Germany, in association with TAROX, participated at IT-SA 2017. Held, this year, at the Nuremberg Exhibition Centre. IT-SA is Europe's largest expo for IT security and one of the most important worldwide events.



Network Box Hong Kong ComputerWorld Interview

Network Box Managing Director, Michael Gazeley, was interviewed by ComputerWorld HK about attitudes towards Cyber Security and Penetration Testing, in Hong Kong.

LINK: <http://cw.com.hk/feature/hk-firms-drag-feet-pen-testing?page=0,0>



Network Box Germany ComTeam System House Conference

Network Box Germany was at the ComTeam System House Conference, held at Mendig Air Base. To commemorate this year's theme, *Meet & Speed*, Network Box sponsored a customized Ferrari 458, for the event.



Newsletter Staff

Mark Webb-Johnson
Editor

Michael Gazeley
Nick Jones
Kevin Hla
Production Support

Network Box HQ
Network Box USA
Contributors

Subscription

Network Box Corporation
nbhq@network-box.com
or via mail at:

Network Box Corporation
16th Floor, Metro Loft,
38 Kwai Hei Street,
Kwai Chung, Hong Kong

Tel: +852 2736-2083
Fax: +852 2736-2778

www.network-box.com