

SEP 2015

In the Boxing Ring

Network Box Technical News

from Mark Webb-Johnson, CTO Network Box

Welcome to the September 2015 edition of In the Boxing Ring

This month, we are proud to announce two new models in our S-Series appliance range designed for small offices and branches: **S-38i** and **S-68i**. Unlike most other competitors' models for the smaller-end market, the Network Box units use multi-core CPUs to offer exception performance and support full UTM+ services.

On pages 3-4, we highlight the features and fixes to be released in this month's patch Tuesday for Network Box 5 and Network Box 3. Based on Sunset Policy, we will

continue to support, Network Box 3 until at least late 2018.

Finally, Network Box Germany recently became an official member of the *eco Association*, the official Internet association in Germany; Network Box Thailand participated in the 53rd Annual Bartercard Trade Show in Bangkok; and Network Box Hong Kong held the *Cyber Risk Landscape 2015* seminar in partnership with Jardine OneSolution.



Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
September 2015

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:

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Network Box S-38i and S-68i Appliance

The new S-38i and S-68i hardware appliance, supports full UTM+ services, for small and branch offices. For more details and hardware specifications, please refer to the featured article on page 2.

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Network Box 5 and Network Box 3 Features

The features and fixes to be released in this month's patch Tuesday for Network Box 5 and Network Box 3. Based on Sunset Policy, we will continue to support, Network Box 3 until at least late 2018.

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Network Box Highlights:

- **Network Box Thailand**
Bartercard Trade Show
- **Network Box Germany**
eco Association
- **Network Box Hong Kong**
Risk Landscape 2015 Seminar

Network Box S-38i and S-68i



This month, Network Box are proud to announce two new models in our S-series appliance range designed for small offices and branches.

Housed in an industrial grade steel chassis, both the S-38i and S-68i can operate without moving parts - fan-less for the highest reliability.

The appliances are not based on a low power, low memory, low performance, single core CPU like most of its competitors. Instead, they use multi-core CPUs, up to 8GB RAM, up to 8GB solid state operating system storage, and up to 128GB high industrial grade flash database and log storage. Coupled with 4x 1Gbps ethernet interfaces on the S-38i (6 on the S-68i), these provide performance to handle even the most high bandwidth small or remote office connections. Full UTM+ service suites are offered with both these new appliances.

S-38i

Hardware Specifications

Processor	64bit, 1.7GHz, 2 physical cores
RAM	4GB, 1333 MHz DDR3
Storage	1 x 64GB 2.5" SSD Standard Industrial Grade
Networking	4 x 1Gb RJ45
I/O Interface	1x reset button 1 x RJ-45 Management Console 2 x USB 2.0
Power Supply	60w (external)

S-68i

Hardware Specifications

Processor	64bit, 1.7GHz, 4 physical cores
RAM	8GB, 1333 MHz DDR3
Storage	1 x 128GB 2.5" SSD High Industrial Grade
Networking	6 x 1Gb RJ45
I/O Interface	1x reset button 1 x RJ-45 Management Console 2 x USB 2.0
Power Supply	60w (external)

Network Box 5

NEXT GENERATION MANAGED SECURITY

On Tuesday, 1st September 2015, Network Box will release our patch Tuesday set of enhancements and fixes. Due to the configuration check requirements for the new ACL/Rules system released this month, we have increased the rollout window beyond the normal 7 days. This month, 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 September 2015

This month, for Network Box 5, these include:

- Improvements to cluster configuration, adding support for wildcard addresses
- Enhancements to GMS reporting, increasing reliability in cases of poor internet connectivity
- Added validation to protect against duplicate configuration entries
- Improvements to GMS disk sensor, to alert if hard disk is not mounted
- Improvements to GMS sensor for box synchronisation across local clusters
- New GMS sensor to track nbsyslog services and alert on logging delays/issues
- Support for new S-38i and S-68i box models
- Additional filter option to permit searching of eMail deliveries by classification
- Improvements to envelope verification, to fail open if customer LDAP server fails and to report (via GMS) such issues
- Improvements to detection of Non-Delivery-Receipts (NDR) in mail classification
- Configuration support for optionally disabling IPv6 in SMTP mail server
- Additional support for top countries and top threats in firewall KPI
- Add detection and blocking of ICMP timestamp requests, in frontline IPS
- Improvements to logging of SSL VPN connections
- Configuration support for IKEv2 IPSEC VPNs
- Configuration support for X509 certificates in IPSEC VPNs
- Improvements to performance and reliability of configuration syncing between boxes and NOCs
- General improvements to application identification and control
- Support added for application identification on directed web proxy configurations
- Additional support for optional request header replacement/addition in web client requests
- Improvements to GMS sensor for mail scanning
- Configuration support for spam traps
- Improvements to logging of descriptive informational notes for SPF blocks

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 3 Features

September 2015

On Tuesday, 1st September 2015, 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 7 days. This month, for Network Box 3, these include:

- Enhancements to Box Office and Response web sites.
- Various (mostly internal) enhancements to several internal support 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.

Network Box Thailand

Bartercard Trade Show



Network Box Thailand took part in the 53rd Annual Bartercard Trade Show, which was held at Central Bangna, Bangkok.

Network Box Germany

eco Association



Network Box Germany is extremely proud to announce that it is now an official member of the **eco Association** which is the official 'Association of the German Internet Industry.'

Network Box Hong Kong

Risk Landscape 2015 Seminar

Network Box held a 'Risk Landscape 2015' seminar with JOS, highlighting Advanced Persistent Threats (APTs), and other security-related vulnerabilities.



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