In the Boxing Ring

Network Box Technical News

from Mark Webb-Johnson
Chief Technology Officer, Network Box

Welcome to the August 2018 edition of In the Boxing Ring

Sunset for the **NBRS-3** platform was announced on 1st August 2015. As per our policy, we stopped sale of that product six months later, and now we've reached the three year anniversary and end-of-support. The replacement platform, **Network Box 5**, was released five years ago. The situation today is that more than 95% of our global customer base has already migrated to Network Box 5, and all new customer deployments have been on that newer platform for several years already. On pages 2 to 3, we address some of the frequently asked questions regarding this, and highlight how you can make the upgrade.

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

Finally, we are pleased to announce that Network Box USA was named as a 'Top Key Player' in **The Global Cloud Intrusion Detection and Prevention Market Research Report Forecast**. In addition, Network Box Taiwan gave a talk at the **2018 Smart Manufacturing Seminar**; and Network Box Managing Director, Michael Gazeley, was interviewed by the **SCMP** about a 'secret contract' by a Macau casino to spy on worker's social media.

Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
August 2018

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/
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https://plus.google.com/u/0/
107446804085109324633

In this month's issue:

NETWORK BOX

NBRS-3

End of Life Support

Sunset for the NBRS-3 platform was announced on 1st August 2015. As per our policy, we stopped sale of that product six months later, and now we've reached the three year anniversary and end-of-support.

We released the NBRS-3 platform back in 2006, and since then it has been the core backbone for Network Box security appliances protecting thousands of our managed customer networks around the world. However, times have moved on, and the NBRS-3 platform is now more than 12 years old and impossible to keep up-to-date on modern hardware.

The replacement platform, **Network Box 5**, was released five years ago. The situation today is that more than **95%** of our global customer base has already migrated to Network Box 5, and all new customer deployments have been on that newer platform for several years already.

NETWORK BOX

> Our ability to address emerging security threats, and take advantage of new hardware performance and reliability features, is dramatically better in Network Box 5 than in NBRS-3. In particular, the move towards SSL secured services, and Network Box 5's ability to enforce policy within SSL encrypted traffic, provides significant benefits for security policy enforcement.

Sunset Policy

Upon Network Box's decision to start the sunset for a specific product version an announcement will be made.

For NBRS-3, the dates are as follows:

Sunset Date
(1st August 2015)

Sunset Date of a product version (hardware or software) may be announced from time-to-time by Network Box Corporation Ltd.

End-of-sale Date
(1st February 2016)

End-of-sale Date of a product version (hardware or software) will be six months from the date of the sunset announcement. The product version may be available after this date, subject to any remaining stock being available.

End-of-support Date
(1st August 2018)

End-of-support Date of a product version (hardware or software) will be 3 years from the date of the sunset announcement. This is the date on which Network Box will cease to provide technical support, on-site support, help desk support, training and spare parts. Network Box may at its own discretion provide best endeavours support.

Frequently Asked Questions

Why end support for NBRS-3?

The NBRS-3 platform was released more than 12 years ago, and is impossible to keep up-to-date on modern hardware. Applying security patches is becoming increasingly difficult.

What does 'end of support' mean?

In the case of NBRS-3 support, it means that from now on we can only support the platform under 'best endeavours' arrangements. We will continue to try to release signature updates, as best we can, and support existing hardware. However, hardware maintenance contracts are no longer available, and software packages are no longer updated. The protection capabilities of NBRS-3 will deteriorate over time.

What about new developments for NBRS-3?

The last monthly patch tuesday for the NBRS-3 platform was back in June 2016. Since then, we have not released new features or enhancements for NBRS-3, as our product development focus is on the Network Box 5 platform.

What options does an NBRS-3 user have?

Network Box regional SOCs can offer simple upgrades to the NBRS-5 platform, and will migrate over configurations and policies from NBRS-3 to Network Box 5.

Today, globally over 95% of our customers have already migrated to the Network Box 5 platform. We advise the remaining few percent to move over as quickly as possible.

NETWORK BOX

Network Box 5

NEXT GENERATION MANAGED SECURITY

On Tuesday, 7th August 2018, 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
August 2018

This month, for Network Box 5, these include:

- **POP3:** STLS support (in addition to existing pop3s protocol support)
- **POP3:** Support optional client and server keepalive messages during scanning
- **IMAP4:** STARTTLS support (in addition to existing pop3s protocol support)
- **IMAP4:** Support optional client and server keepalive messages during scanning
- Fine-grained security policy support for SSL certificate checking
- Improved caching of SSL CRLs and intermediate CA certificates
- Improved logging of SSL bypass and negotiation issues with directed proxy
- Show the denied firewall rule in policy block page when the block is triggered by a network firewall rule
- Expose 'referrer' as a rule term for http protocol proxy policies
- Optionally include header for SSL session ID to http server (WAF)
- Provide entity name ACL type for admin web portal configuration
- Improvements to layer 2 firewall IPv4 + IPv6 co-existence
- Revisions to public IP addresses for regional NOC servers

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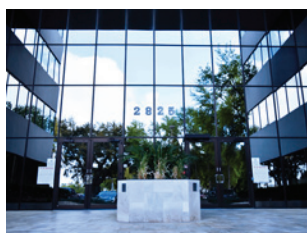
Should you need any further information on any of the above, please contact your local SOC. They will be arranging deployment and liaison.

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

Network Box USA
WhaTech - QYReports

Network Box USA was named as a 'Top Key Player' in **The Global Cloud Intrusion Detection and Prevention Market Research Report Forecast**; conducted by QYReports, an independent Market Research Publishers and Retailers.

The report, used by business strategists for insightful data, provides the Cloud Intrusion Detection and Prevention industry overview; with growth analysis, historical and future cost, revenue, demand, and supply data.

LINK: https://bit.ly/2vKgYbM

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Network Box Taiwan
Smart Manufacturing Seminar 2018

Network Box Taiwan was at the **2018 Smart Manufacturing Seminar** held at the Haiyatt Garden Hotel, Dongguan, China. During the event, Andy Yen from Network Box Taiwan's Business Development Team, gave a talk titled, '*New Generation Technologies for Smart Manufacturing – Practical Application.*'

Network Box Hong Kong
SCMP Interview

Network Box Managing Director, Michael Gazeley, was interviewed by the South China Morning Post to share his views with regards to a Macau casino 'secretly' tracking the social media posts of its staff.

LINK: https://bit.ly/2vkYVJu