



# In the Boxing Ring FEB 2025



## Network Box Technical News

from **Mark Webb-Johnson**

Chief Technology Officer, Network Box

### Welcome to the February 2025 edition of In the **Boxing Ring**

This month, we are discussing our new mail portal system, **Box Mail**. Previously, Network Box launched our Mail Portal system, which allowed end-users to personally whitelist/blacklist emails and empowered them to manage their own email protection - whilst remaining under the overall global organizational policy. However, there were some constraints, and Box Mail was developed to eliminate these. On pages 2 to 3, we discuss how Network Box has addressed these issues, and highlight Box Mail's key features and how it will improve the overall user experience.

On page 4, we highlight the set of enhancements and fixes to be released in this month's Patch Tuesday for NBR5-5 and our cloud services.

In other news, Network Box had an article titled "*Cybersecurity: The New Frontier of Physical Security*," published in the **HKSA**, and was the cover story of the latest issue of **Asia Law Business Journal**. Additionally, Network Box has compiled key *In the Boxing Ring* articles in the **Network Box Technology Review**.

**Mark Webb-Johnson**  
CTO, Network Box Corporation Ltd.  
February 2025

### 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 several social networks:



<https://x.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 **Box Mail**

This month, Network Box is releasing our new mail portal system, **Box Mail**, for both NBR5-5 and NBR5-8 platforms. In addition to allowing end users to whitelist/blacklist emails and release quarantined emails, it improves the overall user experience from the previous mail portal system. Additionally, the mobile apps for both Android and iOS are currently under open BETA release. If you would like to participate in this, please check with your local SOC for the app download links.

#### Page 4 **NBR5-5 Features**

The features and fixes to be released in this month's Patch Tuesday for NBR5-5 and our cloud services.

#### Page 4 **Network Box Highlights:**

- **Network Box Technology Review 2024**
- **Network Box Media Coverage:**
  - Asia Law Business Journal
  - HKSA



# Box Mail

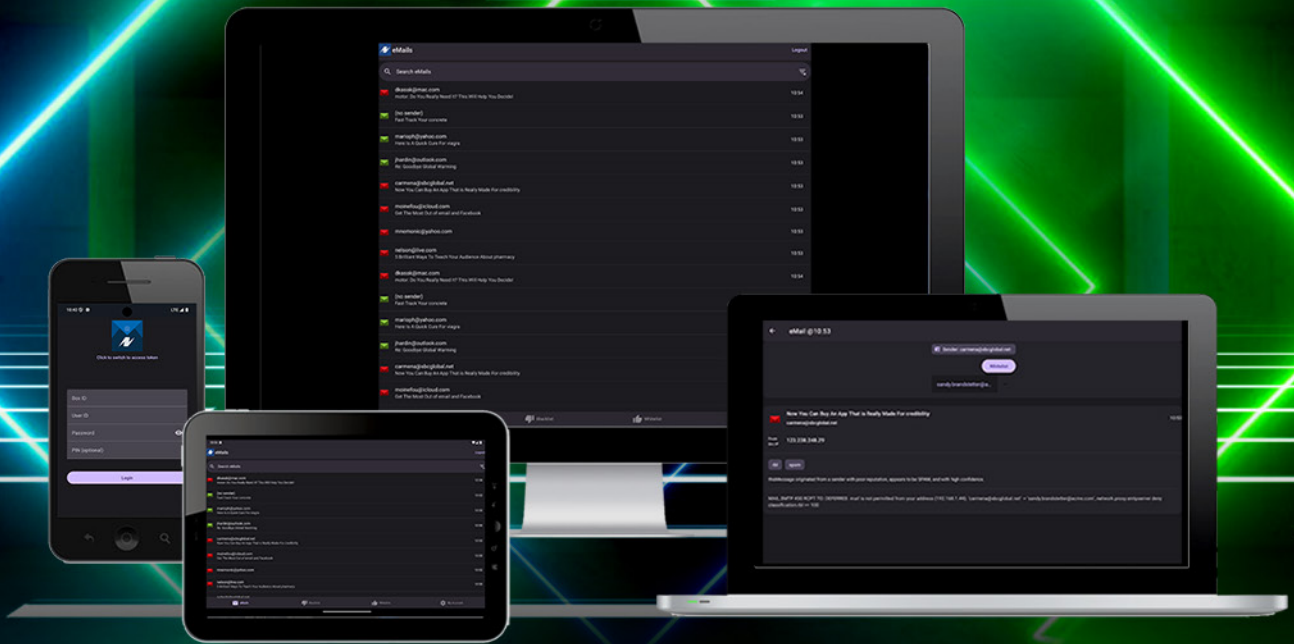
## Network Box Mail Portal System

Back in 2006, Network Box successfully patented our innovative approach to mail administration. Up until then, it was common to see web-based administrative systems for managing email blacklists, whitelists, and quarantine releases. However, these were all global and managed by administrators on behalf of the whole organization. The 2006 release of Mail Portal brought individual control of these functions out to the end-users. Concepts such as **Personal** whitelists/blacklists were launched, and end-users were empowered to manage their own email protection - whilst remaining under the overall global organizational policy. These features were driven by our innovative link-based authentication system, and a daily Mail Portal Report summarising the mail activities for the prior 24 hours.

However, Mail Portal suffered from several constraints:

- It needed to be on-premises, requiring connectivity from the user's web browser back to the Mail portal web server. Sometimes, this was not easy, and the on-premises device was opened up for potential exploits on the Internet.
- Minimum requirements include support for at least 1024 pixel wide screens - hampering ease of use on today's mobile phone-sized devices with relatively smaller screens.
- Lack of support for cloud-based mail scanning.

To address these issues and more, today Network Box announces the release of **Box Mail** for both NBRS-5 and NBRS-8 platforms.



Our new product, **Box Mail**, enhances Mail Portal functionalities. Fully backward-compatible, the SOC can configure NBRS-5 and NBRS-8 devices to use either the old on-premises approach or switch to the new cloud-centric systems. An enhanced daily report email with a new responsive design adds support for small (mobile phone-sized) screens, as well as tablets, laptops, and desktops - including support for the native dark/light mode themes provided by mail clients. Supplementing the new cloud web-based user interface, mobile apps for Android and iOS provide native support for mail administration by end-users and administrators - all with on-premises and cloud-based mail scanning options.

So, how does this new system improve the user experience? Firstly, the authentication flow is improved. If you use the mobile apps, you only need to authenticate once (with the apps 'remembering' your access permission). That initial authentication can be done by clicking on the link provided in the Network Box eMail Portal report, or by logging in with boxid + userid + password. If you don't have a report handy, you can enter your boxid + email address, and the system will email you an access link.

The mobile apps on both Android and iOS support deep linking, so clicking on the link in the mobile mail client will take you directly to the app (not requiring a web browser at all). But if you prefer to use the web browser, you can choose to do so (it includes support for mobile-sized screens, dark/light themes, etc). The apps themselves (either web-based or mobile native) support display and quarantine release for received emails, as well as maintenance of personal whitelists and blacklists.

Another question we are asked regarding this is, what is changing for my users and me? The answer is that for all existing NBRS-5 and NBRS-8 users with on-premises Mail Portal, you will see a new format of the daily Mail Portal report, but nothing else. The on-premises web interface remains the same. You have the option to switch to the new cloud-based system, but that is entirely your choice. Even if you continue to choose on-premises, your users will be able to use the mobile apps. Of course, we recommend switching to the cloud-based system, but we understand that it may require end-user training and familiarization. So please liaise with your local SOC to make arrangements for this.

**Network Box User - eMail Portal**  
acremailscan1

[Click here for more detail](#)

This report summarises your emails scanned by Network Box

Your eMail Addresses: joe.user@acme.com , info@acme.com

MAIL SUMMARY				
Top 5 Senders (Incoming)		Top 5 Recipients (Outgoing)		
#	Sender	Mails	#	Recipient
1	admin@acme.com	47	1	william@123.com
2	management@acme.com	45	2	john@123.com

Today, we are releasing firmware updates for both NBRS-5 and NBRS-8 as part of our Patch Tuesday to add support for this. The cloud web-based portal is also being released. The mobile apps for both Android and iOS are currently under open BETA release (if you would like to participate in this, please check with your local SOC for the app download links). We anticipate the general release of these mobile apps before the end of this month; however, that is dependent on the approval of Google and Apple's respective App Stores.

# Network Box HIGHLIGHTS



## NBRS-5 Enhancements February 2025

On Tuesday, 4th February 2025, Network Box will release our Patch Tuesday set of enhancements and fixes. The following will be released for the NBRS-5 platform:

- Release of 'Box Mail' (our enhancements to Mail Portal), with further details provided in this *February 2025 In the Boxing Ring* newsletter article.
- Support for option switch between on-premises and cloud Box Mail / User Portal.
- Improvements to High Availability email notifications.



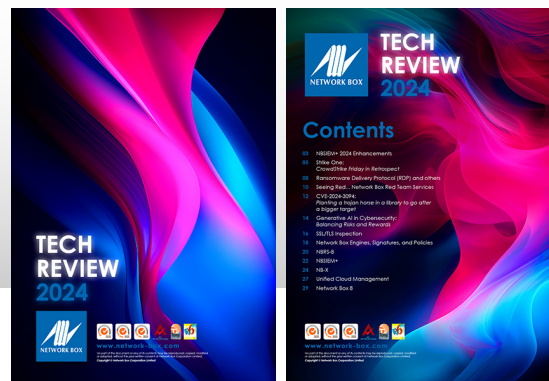
The regional SOCs will be conducting the rollouts of the new functionality in a phased manner over the next 14 days. In most cases, the above changes should not impact running services or require a device restart. However, in some cases (depending on configuration), a device restart may be required. 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 Technology Review 2024

As a special end-of-year review, Network Box has compiled the key *In the Boxing Ring* technology news, features, and articles from 2024.

LINK:

[https://mcdn.network-box.com/ltBR/2024/Technology\\_Review\\_2024.pdf](https://mcdn.network-box.com/ltBR/2024/Technology_Review_2024.pdf)



## Network Box Media Coverage

### The Hong Kong Security Association

Cybersecurity: The New  
Frontier of Physical Security

LINK:

<https://tinyurl.com/atdj2nmw>



### Asia Law Business Journal

Case for the Defence

LINK:

<https://tinyurl.com/fd5dfs24>



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