In the Boxing Ring
SEP 2024

Network Box Technical News

from Mark Webb-Johnson
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Welcome to the September 2024 edition of In the **Boxing Ring**

This month, we are talking about **NBSIEM+ in Network Box 8**, our cloud-based web portal and mobile application for unified access to all our services. At Network Box, we aim to unify all reporting and user/administrative interfaces into NBSIEM+. Implementing this allows for a seamless overview, administration, and management of Network Box services no matter how they are delivered. This integration forms a fundamental component of the Network Box 8 solution. On pages 2 to 3, we discuss this in greater detail and some of the key parts for the future of NBSIEM+.

On page 4, we highlight the enhancements and fixes for Network Box 5 and our cloud services that will be released in this month's Patch Tuesday.

In other news, Network Box Hong Kong participated in a cybersecurity event organized in partnership with the *Hong Kong Productivity Council* and *The Hong Kong Chamber of Small and Medium Business*. And in this month's Technology Focus, we highlight the Network Box **Cloud IP Reputation** and **Cloud Domain Reputation** services.

Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
September 2024

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://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:

NBSIEM+

in Network Box 8

This month, in the second of a series of articles covering the four key components that will form Network Box's approach to security for the rest of 2024 and beyond, we present NBSIEM+ in Network Box 8 — our cloud-based web portal and mobile application for unified access to all Network Box services.

Unified Cloud-Based Management

As you may be aware, our goal is to unify all Network Box reporting and user/administrative interfaces into a single cloud-based system named NBSIEM+. This allows for seamless overview, administration, and management of Network Box services no matter how they are delivered (physical devices, virtual devices, or multi-tenanted cloud). As such, it will eventually incorporate all the functionality of User Portal, Admin Portal, Box Office, and more.

This integration forms a fundamental component of the Network Box 8 solution. Let's talk about some of the key parts of NBSIEM+.

NETWORK BOX 8

Data Access

NBSIEM+ offers secure authenticated access to a variety of data from Network Box services, including:

- Cloud databases for ticketing, assets, ownership, etc.
- Cloud services such as reputation checks, dark web, etc.
- Cloud big data, including NBSIEM+ event logs.
- Pub/Sub cloud data such as Global Monitoring System metrics and statistics.
- Hybrid data access from remotely connected Network Box appliances and endpoints.

This approach allows us to comply with restrictions on where personal data may be stored (such as GDPR) and simplifies data access via a single cloud-based web portal or mobile application.

User and Administrative Portals

As part of Network Box 8, we will offer both administrative and user versions of NBSIEM+.

For Administrators:

They will get all that they currently see in Box Office, NBSIEM+, and Admin Portal combined into one unified user interface securely accessible from anywhere with Internet access. One can look at an event and raise it as a ticket to SOC for support or easily cross-reference between systems. In addition, the same system can be used to administer endpoint protection for Linux, Windows, and Apple OSX devices.

For Users:

They will get what they currently see in User Portal, but now in the cloud (securely accessible outside the office), which is fully supported on desktop/laptop, tablet, and phone-sized displays. This includes functionality such as personal whitelisting/blacklisting emails, quarantine release, etc. It doesn't matter if the mail is scanned on-premises, in virtual machines, or by multi-tenanted cloud.

NBRS-5 and NBRS-8 Management

Using our hybrid data access model, NBRS-5 and NBRS-8 devices seamlessly appear connected to NBSIEM+. When you call up these assets, you can immediately see utilization data and control the policy just as you could with Admin Portal. The data is still stored on the Network Box appliance, but access is remote from the cloud.

Unified Reporting

Given the comprehensive data access capabilities of NBSIEM+ in Network Box 8, we can now provide unified hierarchical reporting—summarizing KPIs and metrics across a configurable hierarchy of assets. In addition to the usual ownership hierarchies (usually representing geographic or organizational arrangements), tags allow custom hierarchies to be designed and reported on as required.

The above are just some of the key features of Network Box 8 services under the NBSIEM+ platform. Scheduled for release before the end of this year (2024), NBSIEM+ will become the single unified interface for administrators and users of Network Box services.

Network Box
HIGHLIGHTS

NEXT GENERATION MANAGED SECURITY

Network Box 5 Features
September 2022

On Tuesday, 3rd September 2024, Network Box will release our patch Tuesday set of enhancements for Network Box 5. The regional SOCs will be conducting the rollouts of the new functionality in a phased manner over the next seven days.

- Renewal of admin and user portal SSL certificates

Network Box 5.5
NEXT GENERATION MANAGED SECURITY

Network Box
Technology Focus

Did you know...
Network Box offers IP and Domain Reputation Monitoring Services?

With the **Network Box Reputation Monitoring Service**, customers register their IP addresses and domain ranges. These are entered into the *Network Box Cloud Reputation Service* database and continually monitored to ensure they are not blacklisted in public reputation lists. If a blacklist issue is found, a Global Monitoring System (GMS) incident ticket is raised to inform customers of this.

Existing customers who wish to activate these optional free services, please contact your local SOC. For more details, please visit:

Cloud IP Reputation Service
https://network-box.com/cloud-ip-reputation

Cloud Domain Reputation Service
https://network-box.com/cloud-domain-reputation

Network Box Hong Kong
Cybersecurity Event

Network Box Hong Kong participated in a cybersecurity event titled *"Empowering SMEs for Digital Transformation: Smart Growth and Resilience Solution Day,"* organized in partnership with the *Hong Kong Productivity Council* and *The Hong Kong Chamber of Small and Medium Business*.

During the event, Network Box's expert cybersecurity team provided on-site professional advice on building a robust security defense to ward off cyber threats. This was explicitly relevant given the recent surge in phishing attacks, ransomware, and website breaches, which are putting companies at risk of data leaks and significant losses.

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