In the Boxing Ring
JAN 2024

Network Box Technical News
from Mark Webb-Johnson
Chief Technology Officer, Network Box

Welcome to the January 2024 edition of In the **Boxing Ring**

Happy New Year! This month, we discuss the upcoming **January 2024 enhancements of NBSIEM+** and our plans for this unifying platform in 2024 and beyond. As you may be aware, our goal is to unify all Network Box reporting and user/administrative interfaces into one single system called 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). On pages 2 to 3, we discuss these enhancements in greater detail.

In this month's Global Security Headlines, there were security issues with Google, 23andMe, and Apple iPhones, and authorities seized $300m from 3,500 cyber scammers. Additionally, Network Box Germany's Dariush Ansari had an article about AI in cybercrime published in **Connect-Professional**, and the latest **HPCC Hackpod Club** episode is now available. And finally, Network Box has compiled key In the Boxing Ring articles in the **2023 Network Box Technology Review.**

Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
January 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 us by 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:
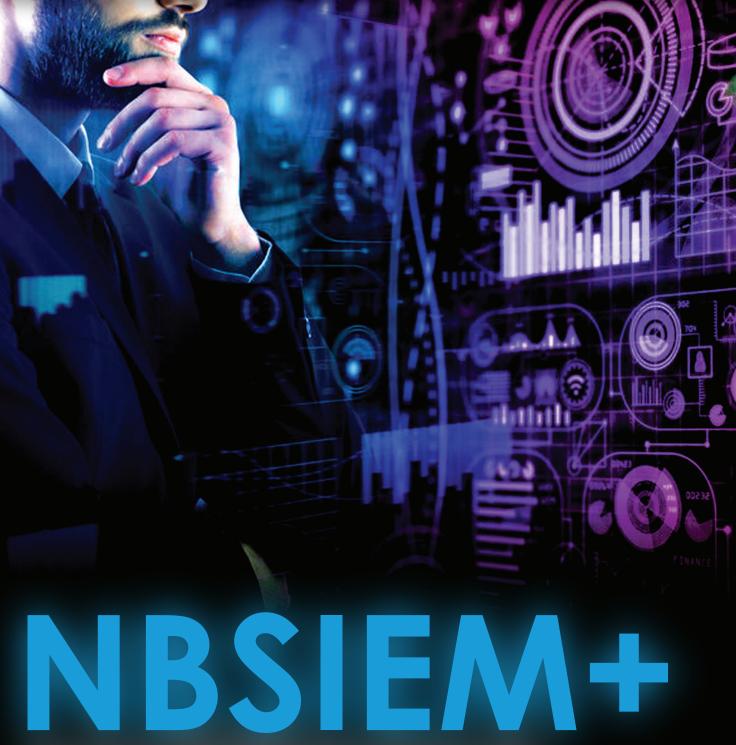
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NBSIEM+ January 2024 Enhancements

This month, we released to the public beta, several updates to **NBSIEM+**. Pretty much everything you can do in Box Office can now be done in NBSIEM+, and both systems work together (sharing the same data). We anticipate releasing this beta NBSIEM+ to production sometime in the early spring of 2024. In our featured article, we discuss the enhancements in further detail.

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Network Box Highlights:

- **Network Box Technology Review 2023**

- **Network Box Media Coverage:**
  - Connect-Professional
  - HPCC Hackpod Club

- **Global Security Headlines:**
  - Google
  - 23andMe
  - Apple iPhone
  - Cyber scammers

NBSIEM+

January 2024 Enhancements

As you may be aware, our goal is to unify all Network Box reporting and user/administrative interfaces into one single system called 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 the user portal, admin portal, Box Office, and more.

This month, we released to the public beta (*https://beta.siem.network-box.com/*) several updates to NBSIEM+ to further progress towards our goal. These updates include:

1. Enhancements to the backend systems, improving reliability, performance, and sufficient scaling to support all our users.

2. Introduction of a multi-level reporting system, combined with a flexible tag-based approach to defining custom hierarchies -allowing us to produce consolidated reports for customers with more than one device/location under management.

3. Moving of report generation, data export, and other such bulk tasks to dedicated backend servers - improving our capabilities to deliver data and reports at enterprise scale.

4. Introduction of a Dashboard facility so any NBSIEM+ widget can be added to custom dashboards to create a personalized interface and user experience. This facility was previously available in User and Admin web portals, and the NBSIEM+ implementation is similar (supporting a 4x3 grid or 1x12 on mobile and multiple dashboard pages).

5. A new report showing the results of the periodic external scans we conduct. This can be found under the "SCANS" link when looking at a particular asset under management.

6. A new report showing GMS health. Similar to SCANS, this can be found under the "HEALTH" link when looking at a particular asset under management.

7. We've also introduced a number of enhancements to our SOC systems within NBSIEM+ to help our engineers better assist customers with managing Network Box devices. One example of this is NBNIDAN - operating something like the Shodan system and allowing our engineers to rapidly search the external scan database for all managed devices, identifying vulnerable services (hence vulnerable customers) and speeding up our response time. Many of these enhancements will be opened up to end-users over the coming months. This enhancement will be particularly useful for customers with multiple devices/locations under management.

An example of the tight level of integration between NBSIEM+ and devices under management is the Asset Detail screen. Select one of your Network Box assets under management, and you will now find a small green or red dot next to the asset name. This indicates whether the asset is currently reachable (green) or not (red) from NBSIEM+. If reachable, NBSIEM+ will show charts for utilization, health, etc. All this information is retrieved in real-time directly from the asset under management, just as if you had logged into the local web administrative interface. In the coming months, we will release full Admin Portal functionality directly from within NBSIEM+ (for both web-based and mobile apps).

> **Pretty much everything you can do in Box Office can now be done in NBSIEM+, and both systems work together (sharing the same data). We anticipate releasing this beta NBSIEM+ to production sometime in the early spring of 2024.**

NBSIEM+ Today

You can access the production NBSIEM+ at:
https://siem.network-box.com/

Or participate in the BETA release at:
https://beta.siem.network-box.com/

The mobile app versions can be found on the Google Play and Apple App stores:

GET IT ON Google Play
https://play.google.com/store/apps/detail s?id=com.networkbox.siem

Download on the App Store
https://apps.apple.com/hk/app/network-box-siem/id1532859749

Network Box
HIGHLIGHTS

NETWORK BOX

Network Box
Technology Review 2023

As a special end-of-year review, Network Box has complied the key *In the Boxing Ring* technology news, features, and articles from 2023.

LINK:
https://mcdn.network-box.com/ItBR/2023/Technology_Review_2023.pdf

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Media Coverage and Security Headlines

CONNECT-PROFESSIONAL
**AI in Cybercrime:
Deepfakes and WormGPT**
LINK: https://bit.ly/47oEzhI

HPCC Hackpod Club
**Episode #21:
A review with a view**
LINK: https://anchor.fm/hackpodclub

Bleeping Computer
**Malware abuses Google OAuth endpoint
to 'revive' cookies, hijack accounts**
LINK: https://bit.ly/3RLHzPC

The Register
**Philippines, South Korea, Interpol
cuff 3,500 suspected cyber scammers,
seize $300M**
LINK: https://bit.ly/3S2iscs

SC Media
**23andMe confirms nearly 7 million
customers affected in data leak**
LINK: https://bit.ly/3vi0Twe

Ars Technica
**4-year campaign backdoored
iPhones using possibly the most
advanced exploit ever**
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