In the Boxing Ring
SEP 2022

Network Box Technical News

from Mark Webb-Johnson
Chief Technology Officer, Network Box

Welcome to the September 2022 edition of In the **Boxing Ring**

This month, Network Box releases our Cloud **SSL Server** and **SSL Certificate** Reputation Services. As more and more services adopt SSL encryption standards and the Public Key Infrastructure (PKI), management of the associated SSL certificates has increasingly become an issue for many organizations today. Expired certificates, browser warnings, and customers unable to access your services can result from mismanagement. On pages 2 to 3, we talk about how our new services address these issues, what purpose they serve, and what they can do for you.

On page 4, we highlight the set of enhancements to be released in this month's Patch Tuesday for NBSIEM+ cloud services.

In other news, Network Box USA was at CompTIA's ChannelCon 2022 Live event, which took place at the Sheraton Grand Chicago. And in this month's global security headlines, security vulnerabilities were discovered in Apple, Cisco, Google, and Palo Alto products.

Mark Webb-Johnson
CTO, Network Box Corporation Ltd.
September 2022

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

CLOUD
SSL Server and Certicate Reputation Services

This month, Network Box releases our cloud SSL SERVER and SSL CERTIFICATE services for general release. Let's talk about these new services, what purpose they serve, and what they can do for you.

As more and more services adopt SSL encryption standards and the Public Key Infrastructure (PKI), management of the associated SSL certificates has increasingly become an issue for many organizations today. High staff turnover in IT departments has only exacerbated the problem. The result is expired certificates, browser warnings, and customers unable to access your services. Certificate Authorities like LetsEncrypt have further complicated the issue with their very short validity certificates reliant on automated renewal (and without commensurate monitoring systems to alert should the renewal fail).

To address this issue, Network Box has released two new pure cloud services:

Cloud SSL SERVER Reputation Service

The service allows you to enter the connection details for your publicly accessible SSL servers and monitor the certificates those servers host. The service checks certificate signing validating, Server Name, expiry date, and other such attributes. Should any issues be found, a GMS Incident is raised to alert you. For upcoming certificate expiry, the system will, by default, warn 30 days before expiry and alert critical seven days before expiry.

Cloud SSL CERTIFICATE Reputation Service

The service is designed for non-public SSL services and their certificates. It is commonly used for private services or for private self-signed CA certs used in a private PKI infrastructure. To use this service, you upload the certificate itself, and the system will automatically monitor it in a similar way to our Cloud SSL SERVER service.

Both services are integrated into both Box Office and NBSIEM+, and are available today. These pure cloud services are available to monitor any SSL certificate or publicly available service, even if not directly protected by Network Box.

Network Box
HIGHLIGHTS

NETWORK BOX

Network Box USA
CompTIA ChannelCon 2022

Network Box USA was at CompTIA's ChannelCon 2022 Live event, which took place at the Sheraton Grand Chicago.

The Computing Technology Industry Association (CompTIA) is a leading voice and advocate for the $5 trillion global information technology ecosystem; and the estimated 75 million industry and tech professionals who design, implement, manage and safeguard the technology that powers the world's economy. ChannelCon Live brought together close to 1,000 of the best MSPs, VARs and vendors from across the channel ecosystem.

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Global Security Headlines

GBHackers on Security
Multiple Flaws in Cisco Small Business Routers Allow Remote Attackers to Execute Arbitrary Code
LINK: https://bit.ly/3cPJ6nh

The Hacker News
CISA Warns of Active Exploitation of Palo Alto Networks' PAN-OS Vulnerability
LINK: https://bit.ly/3QfeV6r

Bleeping Computer
Apple security updates fix 2 zero-days used to hack iPhones, Macs
LINK: https://bit.ly/3wWLOOE

Chrome Releases
Google Zero Day Vulnerability CVE-2022-2856
LINK: https://bit.ly/3RGs1el

NBSIEM+ Enhancements
September 2022

On Tuesday, 6th September 2022, Network Box will release our Patch Tuesday set of enhancements to NBSIEM+ cloud services. These will be rolled out, in a phased manner, over the next 7 to 10 days. This month these include:

- New report widget designers:
  - Top Assets Widget
  - Assets Total Widget
  - Assets Map Widget
- New ticket search filter for user creating ticket
- Now shows unified Event ID in event detail displays
- Improvements to right-click menu (open in new tab, new window, etc)
- Bulk retrieval of events from hot/warm storage
- Box configuration periodic review system against best practices
- Migration of Cloud Mail Backup and Cloud DNS Backup to NBSIEM+ cloud services