

SOLUTION BRIEF

BackBox and Check Point

Mission Critical Recovery

Key Benefits



Unifies the management of devices for over 180 vendors



Enables full customization of device management



Automates configuration backup and recovery tasks



Enables PCI (Payment Card Industry) compliance



Enables disaster recovery



Ensures configuration file integrity



Enables dynamic asset management



Secures and encrypts configuration and asset inventory stores



Enables change tracking for device management



Access to devices is agentless and non-intrusive

Insights

You count on proper network configuration for security and mission-critical applications, but it is all too easy to neglect manual backup procedures for network device configurations. However, the failure of a single device can result in significant network downtime and lost business opportunities.

You need a convenient, automatic method to back up network configuration settings for all your network devices including routers, switches, firewalls, and other devices. With configuration settings automatically backed up, you can be confident that the security settings on all your network devices are correct. If a device on your network does fail, a current and correct backup significantly shortens recovery time.

BackBox Solution

BackBox provides the ability to schedule automatic configuration backups and monitor them easily from an intuitive dashboard interface. BackBox can also be set up to alert administrators if backups have not been performed. Once completed with its automatic network configuration backup procedures, it verifies the backups are correct.

After backing up network configuration settings, BackBox performs an MD5 checksum to verify file integrity, checks file size and content, and opens archival files to ensure that they're not corrupted. This ensures all backup files are uncorrupted and usable—giving you one less thing to worry about in the event that network or device recovery is necessary.

With its unique dynamic inventory capability, BackBox collects device asset information such as version, hardware platform, resource information, licensing, and more. In addition, BackBox provides the operator the ability to push configuration back to devices and make configuration changes to hundreds of devices with a single click. Automation can apply to user management, password policy, routing changes, operating system global parameters, and much more—saving you countless hours and reducing misconfiguration due to human error.

BackBox relies on existing access protocols already used by the network operators to perform tasks such as backup, recovery, configuration automation, and asset collection. BackBox uses: SSH, Telnet, HTTP/S, FTP, TFTP, SNMP, and more, ensuring no changes need to be applied on the devices itself in order for BackBox to support it.



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Joint Solution

BackBox supports over 180 major security and network vendors. This means that management-enabled devices may be connected with minimal effort. Add virtual sites so that only designated administrators are allowed to see their assigned devices. Managed Service Providers (MSP) and enterprises may have a single instance. In addition different end users and customers can manage their own infrastructure automation tasks and backups as needed.

Partnering with the leading provider of network security solutions, BackBox has full support for all Check Point Software Technologies products including Security Management, Log Servers, SmartEvent, Security Gateways, Clusters, Virtual System Platforms, and more. BackBox's automated backup and recovery

of all Check Point solutions eliminate the need to either manually backup devices or customize in-house scripting. By allowing single-click recovery for Check Point solutions, BackBox helps organizations minimize recovery downtime. It also collects asset information from all Check Point devices including the product Certificate Key (CK), license information, product model, major and minor software versions, and more.

BackBox enables the ability to change GAIA Operating System level parameters on multiple devices with a single-click. It also pushes policy changes to the Check Point devices without having the need to grant operator access from the Check Point Security Management product. This enhances the ability to delegate administration tasks to individuals that do not require full policy access, reducing human errors that may lead to configuration errors.

Enterprise Network

1



BackBox connects to the device using a standard management protocol.

2



Check Point Gateway

BackBox authenticates and performs operation task (backup/recovery/configuration).

3



Configuration file is pulled to the BackBox attached storage, verified, encrypted and stored.

About BackBox

Backbox is dedicated to empowering our customers to continuously enhance the health, performance, and security of their network infrastructure through intelligent, security-minded automation. We believe that network automation should be easy, attainable, and provide our customers with unprecedented time savings and reduced risk.

[Learn more at BackBox.com.](https://www.backbox.com)

About Check Point

Check Point Software Technologies Ltd. is the largest pure-play security vendor globally. It provides industry-leading solutions and protects customers from cyber-attacks with an unmatched catch rate of malware and other types of attacks. Check Point offers a complete security architecture defending enterprises' networks to mobile devices, in addition to the most comprehensive and intuitive security management. Check Point protects over 100,000 organizations of all sizes. At Check Point, we secure the future.

[Learn more at CheckPoint.com.](https://www.checkpoint.com)

-  Privileged Access Control
-  Orchestration
-  Network Visibility
-  Asset Management
-  Disaster Recovery
-  Capacity Optimization
-  Security Audit
-  Health Checks

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