

BACKBOX

Version 6.31.08

Release Notes

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What's new?

Intellichecks (Performance. Operations, Security) + Trends

BackBox comes with a predefined signature set that can check the health of your systems and keep uniformity and consistency of your device configuration.

In contrary to regular monitoring solutions, BackBox can check things on the application level, what allows for much deeper intelligence, that is not available otherwise.

One set of signatures are performance signatures, that can check things like VPN throughput, number of users connected, connection table usage and so on. BackBox also has a set of predefined signatures for operational checks that can help you comply with policy standards, company standards and auto remediate fixing of nonstandard configuration.

Another set of predefined signatures relates specifically to security checks. This set can help identify security risks like vulnerable protocols that are activated, passwords complexity and CVE vulnerability.

Any measurable data that is taken during these checks can be collected, saved and reviewed over time to identify the device needs; such as upgrades, replacements or just the need to apply configuration changes.

Network Visualization

Inventory and asset management has been a long-time feature of BackBox. Since BackBox is connecting to the devices regularly and pulling the necessary information, BackBox can provide a dynamic list of devices associated with the network that is automatically populated and updated with each backup performed.

In V.6, BackBox takes this advantage one step forward. While connected to the devices, BackBox grabs network information like routing and IP's, and draws a network map according to it. This map gives users real-time, full visibility of the network, and routes, without the need to use manual drawings or specific limited scanning.

From this map the user can track a route that is taken from one point of the network the second point, see backup statuses of devices, and can even open a terminal window to the devices appearing in the map.

Access Auditing

Access Management adds the ability for BackBox to connect to remote devices without the need of a 3rd party software. It improves the connection experience by giving SSH, TELNET and RDP access from one console to all your devices connected to BackBox.

With this add-on, BackBox can open any number of terminal windows to multiple remote devices, and even broadcast the same commands to multiple windows, saving users time and the frustration of

Adding this feature to your BackBox install will also give you the ability to save and execute both pre-defined and custom commands. It will also allow any session opened to be audited and searchable too; which means you can search and find specific commands, who executed them and even watch a video recording of the session.

CyberArk support

BackBox is now on an official CyberArk technical partner. This allows the use of CyberArk PIM to allow BackBox connecting remote devices without the need to save credentials locally.

After installing CyberArk agent on BackBox, the customer will be able to define CyberArk use according to BackBox and CyberArk integration manual.

Auto Discovery (Beta - 6.30.02)

With the new auto-discovery feature, customers can create rules with matching criteria. These rules will be matched to a discovered device and if a match occurs they will be added automatically to BackBox device list with the predefined configuration. This allows customers to add a bulk number of devices easily and automatically to BackBox with SNMP scanning, and also to schedule automatically addition of devices to the system.

Performance

Added new performance tab to collect performance data from devices. The collected data will appear in two sections. One section will show the collected data for a weekly calendar divided by hours of the day and present the current value, average and deviation.

The second section will show graphs of the performance for the collected and desired time.

Enhancements

Keep duplicate backups

Added ability to decide if BackBox will keep duplicate text-based configuration or not

Enforce strong password

Enforcing strong passwords when connecting to BackBox GUI

Login security properties

Configuring security properties parameters such as login attempts allowed and lock time

Rollback update

Rollback to previous version after upgrading BackBox, allows to recover from faulty updates

SSL certificates and Ciphers

Uploading BackBox SSL certificates from the GUI, and controlling which ciphers a user can connect with

Real-Time cluster

High availability can now be configured in a real time manner instead of the scheduled synchronization

Sites

Additional fields allowing detail information about site contact , using site logo and limiting access with ACL

Agent groups

Creating agent groups can help with both redundancy and load balancing

Agent dashboard

Detailed agent information presented on the agent GUI

TACACS+

Added the option for connecting to BackBox with TACACS+ server

Google authenticator

Allowing users login with 2FA using Google authenticator

User roles

A new list of user roles and what users they are assigned to

Save file from backup history to file repository

Transfer your backup files directly to BackBox repository

GUI edit of text-based configuration

Edit your text-based configuration directly from file repository before sending then to remote devices

Tasks custom reports

Create reports automatically from data collected during tasks execution

Discovery results to IPAM

Ability to add discovery SNMP results automatically to IPAM

Description field

Description field allow to add any comment in the device details

Debug backup run

Stop your running scripts with the ability to execute commands during process

Reports redesign

Redesigned some of the out of the box reports

AWS S3 exports

Added an option to export backup files to S3 buckets

Notification with trap receiver

Added functionality to send notification upon receiving trap from a device with SNMP and SYSLOG and finishing the backup. The notification receiver can get configuration changes to his email

BackBox CLI access

Added the option to connect to BackBox CLI from BackBox GUI

Unscheduled Devices report

A new report in the report system to show all unscheduled device in BackBox

Technical Survey

Added new tab in device details that collects information from devices for a technical survey. The fields for the survey are gathered by Intellichecks

Version 6.24.02

- Added origin IP column in auditing GUI
- Added dynamic resize for Access RDP
- Added active directory Bridge Utility to allow and manage BackBox AD/LDAP integration
- Added checkbox for inclusion/exclusion of file repository in self-backup
- Added new remediation column to intellichecks histories
- Extensive reports modifications
- Added support for allowing multiple syslog servers
- Added replicate and delete option to agents
- Added backup files checksum verification for retrieved backups from AWS Glacier

- Added support for Wallix Bastion authentication templates
- Added option to run scheduled cluster sync by schedule

Version 6.25.01

- Added timestamp to log files
- Added an option to set low threshold percentage for available disk space in administration
- Added control for size deviation per device and per site
- Added an option for multiple SNMP trap hosts
- Added RSA authentication manager support for login
- Added option for Multiline inventory
- Added auditing record for downloading backup files
- Added UTF-8 support from report name and description

Version 6.26.01

- Added time ticks for outgoing SNMP traps and source IP for SNMPv3
- Agent file replication button and schedule

Version 6.29.04

- Added SNMPV3 username validation
- Added option to export only selected devices in the device table
- Added an option for decryption during backup export
- Added network database tab
- Added export to excel in network database grid
- Added performance tab for CheckPoint gateway devices
- Added device ID to device name mapping in self backup
- Changes in Device backup status by group report
- Added Technical Vetting tab

Version 6.30.02

- Added two new reports: Intellicheck by signature- failed only, Intellicheck by device – failed only
- Added some info in API device details
- Added new status to devices: Unavailable. Status is for devices in maintenance mode and never backup devices
- Added External ID field to device details

Version 6.30.51

- Added External API calls for getAllVendors getVendorIdByName and DevicesByExternalId
- Added job selection option to Intellicheck reports
- Added the ability to change encryption key before first time wizard
- Added an option to suppress alerts after a certain number of consecutive unsuccessful signatures in job
- When multiple authentication templates are configured on device, on successful connect the working template will have top priority

Version 6.30.60

- Added Connectivity_SNMP field and label changes for Technical vetting
- Added Performance Report
- Added functionality to allow recipient per status in notification
- Added Audit log report
- Enabled status reason filter in backup history
- Added an option for assigning number of notifications in Intellichecks before stop sending
- Added filter by tags to report by device

Version 6.30.70

- Added performance deviation alerts
- Added mount points disk calculation to cluster report
- Added excel file to audit logs report e-mail
- Added alert when deletion of tasks did not delete everything

Version 6.30.83

- Added new column in DB for last modification of sessions
- Added status reason for enqueued automation status in the queue
- Added data collection time range selection for AWS report

Version 6.31.08

- Technical Survey makeover
- Added items summary to modified sessions report
- Added Modified session report
- Added some improvements no cluster sync
- Added widgets for queue

Bug fixes

Version 6.31.08

- Fixed an issue with Deviation notification messages
- Fixed an issue with stuck Intellicheck job histories
- Fixed an issue with discovery job scanned devices marked not marked as existing
- Fixed an issue with performance retention
- Fixed an issue with audit logs report and comparison report when sent to a mail
- Fixed typo in script explanation section
- Improvements to the event queue
- fixed error when running a report that contains text with char ' '

Version 6.30.83

- Fixed an issue with Tech Survey report dynamic fields
- Fixed an issue with SHA calculation for backup files with space in name
- Fixed an issue with MySQL connections on a large environment
- Improved Intellicheck queue entrance pace
- Fixed an issue with Intellicheck terminate button
- Fixed an issue with network usage widget
- Changed size of upload file to file repository to multiple 5GB files
- Fixed issue with multiple uploads to file repository
- Fixed errors in cluster secondary machine
- Fixed an issue with auditing when adding or editing trends
- Fixed an issue when saving task job with dynamic field file unselected
- Fixed an issue with incorrect execution time in task history/queue and Intellicheck queue
- Fixed misspelling in alerts messages
- Fixed an issue with Intellichecks status reason for performance signatures
- Changed connection timeout for a session from 5 to 60 seconds
- Fixed an issue with performance signatures
- Optimized device-conf query
- Fixed an issue with retention and Intellichecks running at the same time
- Fixed an issue when exporting big files with SMB
- Changed timeout in a command message

Version 6.30.70

- Fixed an issue with already running Intellichecks notifications
- Fixed from issue in discovery job config
- Fixed an issue with device performance reports
- Fixed an issue with SNMPv3 discovery
- Fixed an issue with known hosts keys
- Removed report name in excel file sent by Email for audit logs report

- Fixed import tasks when condition contains "
- Fixed an issue with network map
- Fixed an issue with tasks tags
- Fixed download all when filenames have spaces
- Fixed an issue with technical survey report
- Fixed an issue with RADIUS timeout
- Fixed an issue with discovery save button
- Fixed changed defaults scroll issue
- Fixed retention progress bar for devices in maintenance
- Fixed an issue with refreshing Iptables on service startup
- Fixed an issue with ssh key authentication between cluster members during sync
- Fixed an issue with default access rule after upgrade
- Fixed an issue with HTTP notification save button
- Fixed rescheduling of performance jobs
- Fixed an issue with overriding tags in upgrade

Version 6.30.60

- Fixed query to retrieve only distinct group ID's
- Fixed area in code that used hardcoded DB password
- Fixed an issue with Jobs filter in select all
- Fixed an issue with Intellicheck signature tag getting erased during upgrade
- Fixed an issue with terminate for Intellichecks
- Fixed copyright year
- Fixed false "terminated by user" error
- Fixed some issues with Access Rules
- Enabled deselection of a dropdown dynamic field value
- Fixed empty lines in Technical Survey tab
- Fixed an issue with sync of SNMP configuration on cluster environment
- Fixed backup exports issue with binary files
- Fixed an issue with sshClient
- Fixed display of tags in Intellichecks reports and added tags to excel
- Fixed an issue with Intellichecks signatures not termination properly
- Fixed deletion of sites with access rules
- Fixed an issue with email notifications being sent although not marked
- Fixed an issue with exporting empty backup files in SMBv2 protocol
- Fixed an issue with enableddebug internal command
- Fixed minor bug when trying to update a signature

Version 6.30.51

- Changed API call to support partial name match
- Fixed an issue with network info file not being deleted from /data/tmp
- Changed date format answers of few API calls
- Fixed an issue with general log error when saving devices twice and multiple save and run
- Fixed an issue with the schedule field when moving to real time cluster
- Removed scheduled cluster from schedule queue when moving to real time cluster
- Fixed an issue with discovery feature and add device wizard run after save
- Fixed an issue of adding BackBox vendor to sites with discovery
- Fixed an issue with Auto Discovery API
- Fixed an issue with Java SSH client ciphers
- Fixed an issue with comparison report files not being deleted from /data/tmp
- Fixed an issue with last backup column
- Fixed an issue with IC history ID and backup/task history ID can be identical
- Fixed an issue with max characters of LDAP group
- Fixed an issue with termination of multiple discovery job on multiple agents
- Fixed an issue with SSH client time out when not idle

Version 6.30.02

- Fixed issues with the comparison report
- Fixed an issue with Task jobs not running after Backup job failed or suspect status
- Fixed an issue with the terminated status reason
- Fixed an issue with Intellicheck reports
- Changed dates formats on technical vetting
- Fixed cluster sync log spelling mistake
- Fixed some issues with connected users tab
- Fixed some issue with authentication rules names
- Fixed notification deletion for site users
- Fixed an issue with commands statuses
- Fixed an issue with task configuration GUI
- Fixed an issue with Intellicheck termination on site user
- Fixed an issue with Intellicheck signatures running on the same device more than once at a time
- Fixed an issue with site users that cant clone devices
- Fixed an issue with users unable to save authentication changed in device conf
- Fixed an issue with HTTP alerts sent after jobs
- Fixed an issue with authentication templates in Access feature auto login
- Fixed SNMPv3 timeticks value

Version 6.29.05

- Fixed an issue with wrong AWS export status
- Removed '>' from default result options in remote commands
- Fixed an issue with termination of task/backup job from queue
- Updated CyberArk integration guide
- Fixed an issue with Intellichecks job run for site user
- Fixed ui-grid issue in tables
- Fixed an issue with Intellichecks notifications not appearing as in use in notification table
- Fixed a GUI issue when name is longer than 12 chars
- Fixed an issue with size of textual columns in technical vetting
- Fixed an issue in compare files when trying to download PDF
- Fixed an issue with last backup date for cloned devices
- Redesigned date format in technical vetting
- Fixed failed PDF download in file comparison
- Fixed an issue with devices on site backup running status
- Updates SMB utility
- Fixed an issue with options for save to of technical survey variables
- Fixed an issue with number.py for SMB connections to support Windows 10
- Fixed an issue with Intellichecks history ID indication
- Fixed backup status reports on site
- SNMPv3 setup process tweak
- Fixed an issue with CyberArk authentication
- Added some session information in trail log
- Fixed an issue with usage tab in the device details does not show device in group

Version 6.29.044

- Fixed an issue with Notifications not being sent
- Fixed an issue with CyberArk integration

Version 6.29.04

- Fixed visibility issue of status in set status field for commands
- Fixed an issue with device history comments
- Changed date and time format to human readable in API

- Fixed an issue in export table and agents
- Fixed an issue with snmp host changing for certain security levels
- Fixed several issues with duplicate names in the device table
- Added checks for existing names in BackBox users
- Few reports modifications
- Fixed an issue with backup size deviation percentage when adding new device
- Added login countdown
- Added docker service restart on BackBox service restart
- Modified SNMP agent private enterprise number and added environment variables for product and vendor
- Fixed an issue with OS users permissions during upgrade
- Fixed an issue with size deviation indicator in device history
- Fixed an issue with NetDB GUI
- Fixed an issue with Intellicheck aggregation
- Fixed an issue with AWS export status

Version 6.26.01

- Fixed an issue with replication option for backup pointers
- Changed SNMP monitoring community to clear text
- Fixed an issue with log files transfer
- Fixed an issue with agent groups configuration screen
- Fixed GUI issues in SNMP traps and monitoring screens
- Fixed GUI issue in login screen
- Fixed AWS upgrade issues
- Fixed auditing errors after LDAP users second login
- Fixed an issue with Intellichecks remediation

Version 6.25.01

- Disabled auto complete in login form
- Minor fixed for scheduled cluster
- Fixed an issue with strong passwords login page
- Fixed an issue with removal of option from Intellicheck signatures when BTN is deleted
- Fixed an issue with mysql permissions and service fails to start
- Fixed an issue with sort by AWS status in backup exports
- Fixed an issue with downloading files with devices assigned to agents' group
- Fixed an issue with display when disabling percentage switch

- Fixed an issue with weekly schedule shows wrong next run date
- Fixed an issue with displaying in size deviation 0
- Fixed an issue with special characters in description of commands
- Disabled download button for access in device history
- Fixed an issue with save button disabled when mandatory fields are empty
- Fixed an issue with configuration of agent groups and sites

Version 6.24.02

- Fixed an issue with report modification
- Fixes for agent file retrieval
- Fixed an issue with big files download from agent history when pressing download all
- Fixed an issue with sending of history file to repository from agent with no replication
- Fixed an issue with grid state in devices screen
- Fixed an issue with compare files after a backup is finished
- Fixed group/device site change reflection in items-in-jobs
- Fixed an issue with page not refreshing when having an open dialog and changing a site
- Fixed an issue with backup job notification not sent
- Converted timestamp values to date when exporting devices to csv
- Fixed an issue with device details report and notification after Intellichecks job
- Fixed an issue with snmp protocols passwords validation
- Fixed an issue with site is locked for cloned tasks
- Fixed an issue with disappearance of groups from Intellichecks jobs
- Fixed an issue with status icons in device history
- Fixed an issue with endless loading for large amounts of task repository files
- Fixed an issue with Intellichecks history for site users
- Disabled TLSv1 and TCP timestamp response
- Changed email notification for backups exports/retrieved
- Fixed an issue with duplicate groups in Intellichecks jobs
- Allowed snmp/syslog logging on Iptables
- Fixed deletion of backup files on management when deleting device on agent

Version: 6.22.07

- Fixed an issue with trail log css in intellicheck job history
- Fixed an issue editing authentication template

- Added results.log tab to trail log
- Deleted some residue files after downloading
- Fixed an issue with encrypted network info files
- TCP SACK Panic attack fix – fix issued according to Red Hat resolve option #1:
<https://access.redhat.com/security/vulnerabilities/tcpsack>

Version: 6.22.06

- Fixed an issue with font size when sorting widgets in dashboard
- Added clipboard integration to access controllers
- Fixed a timeout issues in actions between management and agent
- Fixed an issue with report mail recipients
- Fixed an issue with intellicheck signature group conf dialog
- Added copy outside of local terminal
- Fixed an issue with tasks jobs in site
- Fixed an issue with disk space parsing for /data/backups
- Fixed some issues with cluster sync report
- Fixed issues with nfs configuration from smb 4
- Fixed an issue with comparison report
- Limit the number of open access terminals to 5
- Added information to agent GUI
- Fixed an issue with encryption of tasks dynamic fields
- Fix for unscheduled devices report
- Changed protocol name in backup exports from FTP to SFTP
- Blocked descriptive http method
- Fixed an issue with network info and database population on agent
- Disabled local terminal access
- Added amount of devices column to backup job and intellicheck job
- Updated backup status in case of successful replication
- Added button for adding selected IP segment address in IPAM
- Fixed issues with cluster sync failure
- Fixed an issue with BTN edit
- Added description column in device picker table
- Fixed an issue with CheckPoint license report
- Added option to add port number in IPv4 filed in syslog server
- Fixed sorting of some tables
- MariaDB upgraded to version 5.5.64 because of security vulnerabilities
- CIFS and NFS exports will not automatically convert backslashes

- Made some improvements in export mechanism
- Added number of selected rows to commands table
- fixed an issue with replication and comparison
- added default values of timeout and result options for new commands
- prevented deletion of a backup job without un-scheduling it first
- fixed CyberArk logic
- allow auto redirect of port 80 to 443
- fixed file replication value in download screen
- added option to control size deviation

Version: 6.21.08

- Fixed an issue with keep duplicate and identical marking
- Updated self restore operation
- Enabled special chars in SMTP authentication password
- Fixed an issue with restoring from a backup pointer
- Fixed an issue with SNMP v3 credential in discovery scan
- Fixed encryption issue in tasks
- Fixed an issue with schedules and sites
- Access feature will always use port used in device details. Added the option to change it
- Added failure logging for devices which were failed to be added
- Fixed an issue with tasks dynamic field order
- Fixed regex check in file comparison
- Fixed an issue with pop up window
- Fixed licensing issue calculation after multiple edit of devices
- Fixed an issue with SCP and file streams
- Fixed an issue with deletion of schedules and notifications
- Fixed an issue with download comparison PDF
- Fixed an issue with schedule edit
- Fixed an issue with line renumbering in comparison filters
- Fixed an issue with changing tasks in task job
- Fixed an issue with Intellichecks job run once
- Fixed an issue with terminal window
- Fixed 404 message with correct support email
- Added cluster sync report
- Added sort to comparison report
- Changed date format for cluster sync
- Added additional security constraint to block descriptive http methods

- Added comparison report content to notification email body

Version: 6.21.05

- Added specific error messages when add device internal command fails
- Fixed an issue with multiple device edit
- Fixed an issue with agent replication status
- Fixed an issue with mount cifs for samba4
- Added file permissions to task commands import/export
- Fixed an issue with inability to edit files with white space in repository
- Fixed an issue with description field not cloning
- Fixed an issue with uploading binary files to repository
- Fixed an issue with compare exception ignore when lines are unchanged
- Removed default public SNMP community
- Fixed API request getAllBackupJobs to display relevant information
- Added download button in Task File Repository table
- Fixed an issue with AWS retrieve button
- Added files for the self-backup
- Fixed an issue with site users and intellichecks signatures
- Added support for AWS S3 exports
- Fixed some issue with special characters and task/intellicheck name
- Added some internal commands for better control in SMB
- Added support for special characters in the encrypted BackBox self-backup passphrase
- Fixed an issue with auditing
- Added compare result files to trap receiver
- Fixed icon of suspect status in backup job history
- Fixed add, edit and delete actions for site users
- Secured Backbox against Session overflowing attacks - Backbox now has an extended custom implementation of a Tomcat session manager
- Fixed an issue with backup pointers
- Fixed agent status change notification, added 10 seconds delay
- added info to general log when running Device Disk Usage report
- Fixed error in IntelliChecks queue
- Fixed compare failure between an encrypted and unencrypted backups files
- Fixed an issue with trail-log window in network map
- Fixed an issue with disk space information on widget with NFS mount

Version: 6.20.00

- Fixed an issue with reports and special characters
- Fixed an issue with SNMP trap receiver
- Added popup window about recording session in access
- Added IE support for reports
- Added mechanism for prevention of upgrading management before all connecte3d agents are upgraded
- Fixed problem with the information in cluster log
- Fixed an issue with API calls GET /devices
- Added hiding of banner and MOTD on debug mode
- Access rules must now be unique entries in the OS IP tables. Sites and users can now only be limited to access rules which allow https connections
- Fixed an issue with lockout from BackBox when modifying access rules
- Fixed an issue which caused archive to display as downloading forever, after the download has failed to initialize
- Fixed an issue with admin security properties changing after reboot
- Fixed an issue with Firefox and first-time wizard
- Fixed an issue with checksum calculation on agent
- Added support for Danish characters
- Fixed an issue with administration validation for CyberArk on server side
- Added new help documentation
- Added option for site selection by name and search box in all elements
- Fixed an issue with multiple mail notification receivers
- Fixed an issue with retries in backup failures
- Added information for Syslog/SNMP trap notifications
- Changed in some places exporting of csv report instead of PDF and Excel
- Fixed wrong CPU percentage in widget
- Upgraded SMB client to latest version
- Added description field to devices multiple edit
- Added direct tracking mode for AWS retrievals
- Fixed an issue with reports schedules
- Added mechanism for protecting against brute force
- Fixed some GUI issues
- Fixed issues in getlastbackup internal command

Version: 6.19.02

- Fixed an issue with group and site names not visible in backup exports picker
- Fixed an issue with reconnection balance in Intellichecks
- Changed Intellichecks reports
- Fixed intellichecks job notifications
- Fixed an issue with access rules addition and no ports specified
- Added display of engine ID from snmpv3 traps
- Fixed an issue with login security properties saving
- Fixed an issue with adding wrong backup files to repository
- Fixed SNMP trap receiver message handling
- Fixed Intellicheck signatures export
- Fixed an issue with IP tables rules and agents
- Fixed limit on agent numbers
- Fixed an issue with html attached reports and characters handling
- Fixed an issue with server IP duplication in device config
- Fixed wrong CPU widget percentage
- Fixed an issue with download all button
- Fixed an issue with email title on Intellicheck job notification
- Fixed an issue with sequential task job execution
- Fixed an issue with LDAP over SSL due to
<https://www.oracle.com/technetwork/java/javase/8u181-relnotes-4479407.html>

Version: 6.17.03

- Fixed issues with LDAP users
- Updates OS users' path in database
- Fixed issues with backup history deletion by retention policy
- Added case sensitive matching for vsftp OS user removal
- Fixed an issue with download all for device backup files
- Fixed an issue with config documentation during upgrades
- Ip tables improvement
- Solved an issue which caused a bottleneck in AWS backup retrievals
- Added removing of selected objects once filter is used
- Set backup run status to suspect when there is not enough available disk space on management for replicating backup files from agent
- Fixed file compatibility for content editing in task file repository
- fixed retention policy values after upgrade from v5
- Fixed issues with settings administration properties fil

Script Changes

Version 6.31.08

- Added new Palo Alto performance/deviation Intellichecks
 - Palo Alto -> Pan OS -> Connection Deviation
 - Palo Alto -> Pan OS -> CPU Deviation
 - Palo Alto -> Pan OS -> Memory Deviation
 - Palo Alto -> Pan OS -> Throughput Deviation
- Added new Cisco ASA performance/deviation Intellichecks
 - Cisco -> ASA -> Connection Deviation
 - Cisco -> ASA -> CPU Deviation
 - Cisco -> ASA -> Memory Deviation
 - Cisco -> ASA -> Throughput Deviation
- Added new F5 performance/deviation Intellichecks
 - F5 -> BigIP -> SSH -> Connection Deviation
 - F5 -> BigIP -> SSH -> CPU Deviation
 - F5 -> BigIP -> SSH -> Memory Deviation
 - F5 -> BigIP -> SSH -> Throughput Deviation
- Added new VSX upgrade tasks
 - Check Point -> GaiaOS -> VSX Upgrade On Provider-1 - Preparation Stage
 - Check Point -> GaiaOS -> VSX Upgrade - Upgrade Stage
- Added new VPN user activity tasks for Pulse Secure
 - Pulse Secure -> Secure Access -> cURL -> Single User Activity Report
 - Pulse Secure -> Secure Access -> cURL -> Users Summary Report
- Added new task automation Palo Alto -> PanOS -> VPN Users CSV
- Added new Check Point Remote access VPN statistic Intellichecks
 - Check Point -> GaiaOS -> Remote Access VPN Stats - Mobile Access Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - Endpoint Connect Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - SecuRemote Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - SNX Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - L2TP Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - Capsule Workspace Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - Capsule/Endpoint VPN Users
 - Check Point -> GaiaOS -> Remote Access VPN Stats - Assigned OfficeMode Ips
- Added new Intellicheck Palo Alto -> PanOS-> VPN Statistics

Version 6.30.70

- Added new HP iLO Intellichecks
 - HP -> iLO -> Health Status -> CPU
 - HP -> iLO -> Health Status -> Fans Redundancy
 - HP -> iLO -> Health Status -> Fans Status
 - HP -> iLO -> Health Status -> Memory
 - HP -> iLO -> Health Status -> Network
 - HP -> iLO -> Health Status -> Power Supply Redundancy
 - HP -> iLO -> Health Status -> Power Supply Status
 - HP -> iLO -> Health Status -> Storage
 - HP -> iLO -> Health Status -> System General Health
 - HP -> iLO -> Health Status -> Temperature
- Added new Fortigate performance/deviation Intellichecks
 - Fortinet -> Fortigate -> Connection Count Usage Deviation
 - Fortinet -> Fortigate -> CPU Usage Deviation
 - Fortinet -> Fortigate -> Memory Usage Deviation
 - Fortinet -> Fortigate -> Throughput Usage Deviation
- Added new task : Cisco -> ASA -> Cluster upgrade

Version 6.30.60

- Added new Pulse Secure tasks:
 - SNMP - Connected Users (Cluster)
 - SNMP - Disk Usage
 - SNMP - Connected Users
 - SNMP - Memory Usage
 - SNMP - CPU Usage
- Added new F5 tasks:
 - Upgrade Software
 - Change DNS
 - Change NTP
 - Change/Add/Delete SMTP
 - Change Syslog
 - Change Data/Time

- Restart Image Disk Select
- Restart Active HD Image
- Delete Disk
- Create Pool with 2 Members
- Create Virtual Server with existing Pool
- Delete Virtual Server
- Add Member to existing Pool
- Disable/Disable/Delete Pool Member
- Force Pool Member Offline/Online
- Create a VLAN Tagged
- Create a VLAN Un-Tagged
- Create Empty Device Group
- Create Internal SelfIP
- Create/Delete HTTP Profile
- Create a Node with ICMP Monitor
- Disable/Enabler/Delete a node
- Create/Delete NAT
- Create/Delete route
- Change Management Route
- Create/Delete Floating Traffic Group
- Create/Delete Trunk
- Reset root/admin password
- Create Operator user with no shell
- Create Admin user with bash
- Delete User/Admin
- Create/Delete HTTP/HTTPS/ICMP Monitor
- Create SNAT with a wildcard source
- Create SNAT with a specific source network mapped to an IP address
- Delete SNAT
- Provision Module
- Add/Delete DNS Delivery Nameserver
- Add/Delete DNS Zone with DNS Nameserver
- Performing a ConfigSync
- Add BIGIP Device to CMI Trust
- Initiate Device Group Sync
- Saving Common configuration
- Configure ssh Login Banner (pre-login)
- Configure GUI Banner
- Configure MOTD banner (post-login)
- Add ssh allowed subnets
- Delete ssh allowed subnets
- Add https allowed subnets

- Delete https allowed subnets
- Configure snmp v2
- Configure snmp v3
- Configure tacacs Authentication
- Configure radius Authentication
- Add/Delete route
- Change admin password
- Change root password
- Assign iRule to VS
- Assign iRule to VS SA 8443
- Create iRule
- Create iRule SA 8443
- Delete ALL Custom iRules SA 8443
- Delete iRule
- Delete iRule SA 8443
- Edit iRule - API
- Un-Assign iRule from VS
- Un-Assign iRules from VS SA 8443

Version 6.30.02

- Added new task: Check point -> Upgrade/Jumbo installation preparation phase 1
- Added new task: Check point -> run the upgrade on single gateway phase 2
- Added new task: Check point -> run the upgrade on both cluster members phase 2
- Added new task: Check point -> run the hotfix installation on both cluster members phase 2
- Added new vendor: Niagara -> Packet Broker -> Fixed NFB -> cURL
- Added new task: Check Point -> Enable Rule and Install Policy With the New Enabled New Rule (Management+Provider-1)

Version 6.29.04

- Added new task : CheckPoint -> Cross domain search/regex search
- Added new task: CheckPoint -> CPView Performance Charts
- Added new task: Network Database Collection step 1 – backup /etc/hosts and clear target device list
- Added new task: Network Database Collection step 2 – Prepare targets

- Added new task: Network Database Collection step 3 – Collection of device information into DB
- Added new task: Network Database Collection step 4 - Cleanup
- Added new Vendor : ZHONE -> MKX319 -> All ->SSH
- Added new task: Check point -> Upgrade single gateway that is managed by CMA
- Added new Intellicheck: Check point -> Compare cluster configuration
- Added new Intellicheck: Check point -> Check if the CK of the license correspond with the interface MAC address
- Added new Intellicheck: Check point -> Verify CMA API login by showing existing object
- Added new Intellichecks for technical survey:
 - Host name
 - IP Address
 - SSH Access
 - HTTPS
 - ICMP
 - Model
 - OS Version
 - EOL Date
 - EOS Date
 - Serial Number
 - Banner
 - Users
 - QOS
 - Routing
 - Proxy Configuration
 - UTM
 - Interfaces
 - Licenses
 - Software Version
 - VPN
 - Updates
 - IPV4/IPV6
 - HA
 - Multi Context
 - Logging
 - SNMP
 - SSL Intercept

For the following vendors: Check Point, Palo Alto, Fortinet, Cisco, Symantec

Version 6.26.01

- Added new version: Fortinet -> FortiSandbox -> Version 3.1.x -> cURL

- Added new product: F5 -> BigIQ -> All -> SSH (TMOS)
- Added new backup option : Cisco Systems Inc -> Prime -> Infrastructure 3.3 and above -> SSH/SFTP
- Added new task: Fortinet -> Fortigate -> Add address objects from file and associate with an interface
- Added new task: Imperva -> Password change
- Added new task : CheckPoint -> Add route
- Added new Intellicheck : F5 -> BIG IP ->SSH (TMOS) -> SSL routines
- Added new Intellicheck : F5 -> BIG IP ->SSH (TMOS) -> Memory leak
- Added new Intellicheck : Cisco -> Router/Switch -> Proxy ARP

Version 6.25.01

- Added new product : Blue Coat -> Malware Analysis -> 4.x -> HTTPS
- Added new product : CheckPoint -> Multiblade Chassis Systems -> R77 And Above -> SSH Full – individual files
- Added new product : CheckPoint -> Multiblade Chassis Systems -> R77 And Above -> SSH Full – single files
- Added new Intellicheck : Check Point -> R77.xx Provider -> Check VPN Certificates Expiration for all domains
- Added new task : Check Point --> CPUSE Agent Installation
- Added new Intellicheck : Check Point -> Check if link is down
- Added new Intellicheck : Check Point --> Check that all next hops are accessible
- Added new task : Checkpoint -> Gateway Upgrade from R77.30 to R80.x
- Added new task : Check Point -> R77.x Provider-1 -> Create an object and add it existing group
- Added new task : Cisco -> CDP Neighbors
- Added new vendor: Opswat -> MetaDefender Kiosk -> All -> cURL

Version 6.24.02

- Added new product: Symmetricom -> SSU_2000 -> All -> Telnet / TFTP
- Added new Intellicheck: Checkpoint -> API status
- Added new vendor: Opswat -> MetaDefender Core -> All -> cURL
- Added new Intellicheck: Cisco -> ASA -> Certificate Check
- Added new Intellicheck: Fortinet -> FortiGate -> Attack Blocked
- Added new Intellicheck: Fortinet -> FortiGate -> CPU Performance
- Added new Intellicheck: Fortinet -> FortiGate -> HA Configuration Changed

- Added new Intellicheck: Fortinet -> FortiGate -> Hard Disk Health
- Added new Intellicheck: Fortinet -> FortiGate -> License Status
- Added new Intellicheck: Fortinet -> FortiGate -> Memory threshold
- Added new Intellicheck: Fortinet -> FortiGate -> NTP Status
- Added new Intellicheck: Fortinet -> FortiGate -> Operation Mode Changed
- Added new Intellicheck: Fortinet -> FortiGate -> Password Policy
- Added new Intellicheck: Fortinet -> FortiGate -> Physical Interfaces
- Added new Intellicheck: Fortinet -> FortiGate -> Virus Caught
- Added new Intellicheck: Fortinet -> FortiGate -> Critical Services Down
- Added new Intellicheck: Fortinet -> FortiGate -> Confirm connectivity to the FortiManager
- Added new Intellicheck: Fortinet -> FortiGate -> Confirm Telnet is Disabled
- Added new Intellicheck: Fortinet -> FortiGate -> Check which Hostname configured
- Added new Intellicheck: Fortinet -> FortiGate -> Check if Banner is configured
- Added new Intellicheck: Fortinet -> FortiGate -> Confirm SNMPv3 is active
- Added new Intellicheck: Fortinet -> FortiGate -> Check for SNMP v1 and v2
- Added new Intellicheck: Fortinet -> FortiGate -> SNMP Agent Status
- Added new Intellicheck: Fortinet -> FortiGate -> Uptime below threshold
- Added new Intellicheck: Fortinet -> FortiGate -> Confirm Web Protocol HTTPS only
- Added new Intellicheck: Fortinet -> FortiGate -> Confirm Password Complexity
- Added new Intellicheck: Fortinet -> FortiGate -> Get User List
- Added new Intellicheck: Check Point -> Uptime below threshold
- Added new Intellicheck: Palo Alto -> Uptime below threshold
- Added new Intellicheck: Palo Alto -> Check which Hostname is configured
- Added new Intellicheck: Palo Alto -> Check if HTTP is activated or disabled
- Added new Intellicheck: F5 BiG-IP -> Uptime
- Added new Intellicheck: Citrix -> NetScaler -> Uptime
- Added new Intellicheck: Citrix -> NetScaler -> Primary NTP Server
- Added new Intellicheck: Citrix -> NetScaler -> Secondary NTP Server
- Added new Intellicheck: Citrix -> NetScaler -> Ensure RADIUS Usage
- Added new Intellicheck: Citrix -> NetScaler -> Check timezone
- Added new Intellicheck: Citrix -> NetScaler -> SSH Session Inactivity Timeout
- Added new Intellicheck: Citrix -> NetScaler -> Primary DNS Server
- Added new Intellicheck: Citrix -> NetScaler -> Secondary DNS Server
- Added new Intellicheck: Windows LDAP -> Check for LDAP Configuration change
- Added new Intellicheck: Windows LDAP -> Check if users were added/removed from a group
- Added new Intellicheck: 3COM -> Switch -> Mem Usage
- Added new Intellicheck: 3COM -> Switch -> Temperature
- Added new Intellicheck: 3COM -> Switch -> Check Telnet Status
- Added new Vendor: IPswitch -> WhatsUpGold -> All -> SMBv2
- Added new version: Cisco -> Switch -> Supervisor Engine -> SSH
- Added new inventory: Aruba -> Security Switch->All->SSH
- Added new product: Ruckus -> ICX -> All -> SSH

Version 6.21.08

- Added new task: CheckPoint Gateway -> Add Vlan
- Added new task: Fortigate -> Add address objects from file and associate with interfaces
- Added new task: Bluecoat CAS -> Upgrade firmware v2.x and above
- Added new task: CheckPoint -> Major upgrade on cluster members R77.30 and up
- Added new product: BlueCoat -> Reporter-> All -> SSH/SCP
- Added new network script: Cisco -> Nexus -> All -> SSH

Version 6.21.05

- Added new backup option: HP -> Procurve -> All -> SSH-TFTP
- Added new vendor: Accedian -> Network Performance-> All -> FTP
- Fixed some issues with : Checkpoint -> Gateway -> R77 -> Snapshot
- Added new version : Dell -> PowerConnect -> N2000 -> SSH
- Added new version : D-Link -> Switch -> DGS-1210 > Telnet/TFTP
- Added new product : Kemp -> VLM Series -> 7.x -> cURL (Authorization basic)
- Added new product : Cisco -> DCNM -> 11.x.x and above -> SSH (Lan Fabric)
- Added new option : Brocade -> DS-5100 and SonicWall -> NSA 4500 -> SSH
- Added new option : Arbor -> Peakflow -> All -> SSH-SCP and SSH-SCP + sp.conf
- Added new device : Cisco Systems Inc -> ACI APIC -> All -> SSH/FTP
- Added new vendor : Extrahop -> ECA -> 7.5 and above -> API
- Added new version : Fortinet -> FortiManager -> 6.x and above -> HTTPS and SSH/SFTP
- Added new product : Check Point -> 1400 -> All -> SSH-SCP

Version 6.19.02

- Changes to script : Fortinet -> FortiAnalyzer -> Version 5 -> ssh/ftp + ssh/sftp
- Changes to script : Cisco -> UCS -> All -> SSH/SCP + SSH/FTP
- Added new product: Fortinet -> FortiSwitch -> All -> SSh, ssh/ftp, ssh/tftp
- Added new option : Access Layers -> Portnox -> 1.x and above -> Smb2 Remote DB
- Added new version : Blue Coat -> Management Center -> V 2.0.x.x -> SSH/SCP
- Added new Options : VMware -> Vcenter Appliance -> Version 6.x and above->HTTPS /FTP/FTPS/SCP (API)

- Added new product : Extreme Networks -> VSP Switch -> All -> SSH
- Added new product : Cisco -> Telepresence -> SX -> cURL
- Added new product : Cisco -> TelePresence -> Webex Room Kit -> cURL
- Added new option : HP -> Office Connect Switch -> 1910 -> cURL (Captcha)
- Added new product : StealthWatch -> Management Center -> 2010 and above -> HTTPS

Version: 6.17.03

- Added new Vendor MicroSens -> Switch -> All -> SSH/FTP
- Added new Vendor MicroSens -> Switch -> All -> SSH/TFTP
- Added new Vendor Hirschmann -> Switch -> All -> Telnet
- Added new Vendor Hirschman -> Switch -> All -> Telnet/TFTP
- Added new Vendor Infinidat-> Infinibox-> All -> cURL
- Added new backup option McAfee -> ePO -> 4.x and above -> SMB2 (No Sql Dump)
- Added new vendor Microsemi (previously known as Symmetricom) -> SyncServer -> S600 -> cURL