



Panda GateDefender eSeries

Document of Technical Changes

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1. Introduction

Information applies to:

Products

Panda GateDefender eSeries

Find below a summary of the packages uploaded to the production servers and their description, by release date:

Important: Should you detect anomalies in the performance of the appliance after applying the updates, we highly recommend rebooting the system, in order to ensure the correct implementation of packages recently upgraded.

Changes applied on 2021/02/25

- Version 5.60.10
 - Core Authentication layer
 - CORE-4472 Bug: Authentication daemon does not start after latest upgrade
 - Core Firewall
 - CORE-4438 Bug: Empty lines in source break Outgoing Firewall (input sanitization)
 - Core Kernel
 - CORE-2911 New Feature: Backport E20/E25 Quectel model driver to kernel 3.14 (4i)
 - Core Web server
 - CORE-4411 Bug: httpd wont start if pid file is empty
 - Management Center GUI
 - EMC-274 Bug: Wrong version displayed in gold gateway configuration
 - UTM Certificate Management
 - UTM-2323 Bug: Certificate is only verified against a single CRL
 - UTM-2437 Bug: When a backup is imported the certificate cache files need to be deleted
 - UTM-2453 Bug: Subject Alt Name field rejects FQDNs having numbers after the host part
 - UTM Enterprise Antivirus
 - ENTERPRISE-2321 New Feature: Fix dependency loop for antivirus packages
 - UTM Enterprise Appliance: Hardware
 - ENTERPRISE-2382 Task: Create macro plus 2020 model product
 - UTM Enterprise Monitoring, Reporting
 - ENTERPRISE-2166 Bug: Snort logs do not show in graphical logs
 - UTM Enterprise User Interface
 - ENTERPRISE-2355 Improvement: "Log all accepted connections" tickbox should warn about risk of filling log partition
 - UTM Proxy: DNS
 - UTM-2395 Bug: blackhole_httpd_access and blackhole_error_log are not rotated and should be removed

- UTM VPN: User & Group Management
 - UTM-2428 Bug: VPN firewall display is wrong when username starts with ALL

Changes applied on 2021/01/21

- Version 5.60.10
 - Core Authentication layer
 - CORE-4459 Bug: Group cannot be deleted because of a typo
 - Core Firewall
 - CORE-4434 Bug: Adding ANY ANY rule breaks Port Forwarding firewall
 - OS Yocto
 - EOS-1996 Bug: /etc/profile: Make sbin(s) dirs available to all users
 - UTM VPN: OpenVPN
 - UTM-2419 Improvement: user should be passed to USER_TEMPLATE

Changes applied on 2020/11/17

- Version 5.60.10
 - Core Backup
 - CORE-3300 Bug: Large backups cannot be downloaded on 32bit appliances
 - Hotspot Social Login
 - HOTSPOT-926 Improvement: Update Google and Instagram social logins
 - UTM Antispam: SpamAssassin
 - UTM-2412 Bug: Missing files in spamassassin and commtouch-mailsecurity
 - UTM Proxy: HTTP
 - UTM-2398 Improvement: Proxy exclude logging for specific domains
 - UTM VPN: OpenVPN
 - UTM-2383 Improvement: Openvpn loadbalancing persistent dict must be moved in run

Changes applied 2020/10/13 (New hotspot certificate)

- Version 5.60.10
 - Core Hardware support
 - CORE-4237 Improvement: Add kernel module RTL8152/RTL8153
 - Core Kernel
 - CORE-4249 Improvement: Add NVMe support to kernel
 - OS BSP
 - EOS-1956 Improvement: Add Amazon ENA kernel module
 - Core Backup
 - CORE-4071 Bug: Cannot create backup if the remark field contains only integers
 - Core Base system
 - CORE-4344 Bug: Body of HA notification mails are sent as attachments
 - Core Firewall
 - CORE-4335 Bug: setoutgoingfw taking too long to restart, we need to optimize iptables rules using ipset
 - CORE-4339 Bug: New PROXYOUTGOINGFW drop traffic on http proxy port
 - Core Kernel
 - CORE-4266 Bug: Fix igxbe compilation issue
 - Core Uplinksdaemon
 - CORE-3999 Bug: Uplinks daemon doesn't set IP from DHCP with long lease time
 - Hotspot RADIUS
 - HOTSPOT-903 Bug: Used traffic over 4GB blocks auth due to variable overflow
 - Management Center Server
 - EMC-235 New Feature: EMC configuration is not synchronized to the slave
 - EMC-237 Bug: HTTP Proxy Access Policy rules are pushed but not applied
 - OS Yocto
 - EOS-1957 Task: Update ca-certificates package to 20200601
 - Panda Branding: Appliance
 - PANDA-199 Task: Update hotspot.pandasecurity.com certificate - 2020
 - UTM Antispam: SpamAssassin
 - UTM-2356 Bug: IMAP training fails if mail is incomplete
 - UTM Enterprise Antivirus: Panda
 - ENTERPRISE-2282 Bug: Panda configuration file for icap is empty due to setting seen by restartscript
 - UTM Enterprise Appliance: Hardware
 - ENTERPRISE-1913 Task: Create mercury-50-wifi-scb1617a appliance
 - ENTERPRISE-2112 Improvement: Create new macro 250/500 appliance recipes
 - UTM Enterprise Network: Wireless
 - ENTERPRISE-2252 Bug: Enable DFS for wireless on Mercury 50 wifi
 - UTM Enterprise Service: High Availability
 - ENTERPRISE-2156 Bug: IPsec daemon is running on slave

- ENTERPRISE-2246 Bug: Subject of HA notification mails is not added correctly
- UTM Proxy: DNS
 - UTM-2366 Bug: Onedrive.live.com is blocked by DNS Proxy

Changes applied 2020/02/10 - UTM fixes

- Version 5.60.10
 - Core Base system
 - CORE-3833 Bug: Missing SSH 7.1 dependency and ssh-dss support
 - UTM Antispam: SpamAssassin
 - UTM-2278 Bug: If port is not specified spamtraining imap will not connect
 - UTM Enterprise Antivirus: Panda
 - ENTERPRISE-2046 Bug: Weird characters written by panda scan
 - UTM Enterprise User Interface
 - ENTERPRISE-2064 Improvement: Update wizard and plug & connect images

Changes applied on 2019/09/11 – Core fixes

- Version 5.60.10
 - Core Base system
 - CORE-3318 Improvement: Add crypto module decryption for tcpdump
 - Core Network configuration
 - CORE-3305 Improvement: No GUI error given when a static route with default gateway/CIDR notation is added
 - CORE-3323 Bug: Missing column remark in host configuration
 - Core Translations
 - CORE-3355 Bug: Italian misleading translation of Snort GUI actions
 - Core Uplinksdaemon
 - CORE-3343 Bug: Static uplinks have a wrong broadcast and netaddress
 - Hotspot Authentication
 - HOTSPOT-872 New Feature: Introduce the possibility to set a limit for multiple simultaneous logins
 - UTM Proxy: DNS
 - UTM-2176 New Feature: Let Proxy DNS service to log antispysware blocked domains

Changes applied on 2019/06/19 – UTM and Pavapi fixes

- Version 5.60.10
 - Core Network configuration
 - CORE-3194 Bug: Network Wizard from CLI displays main interface when vlans are in use
 - CORE-3241 Bug: Cannot configure mobile broadband uplink at first wizard
 - UTM Enterprise Antivirus: Panda
 - ENTERPRISE-1796 Improvement: Pavapi various fixes
 - ENTERPRISE-1863 Bug: Missing pavapi rdepends on efw-panda
 - UTM Enterprise Application Firewall
 - ENTERPRISE-1830 Improvement: Limit life of nfq_ndpi_firewall worker processes
 - UTM Enterprise VPN: Enterprise options
 - ENTERPRISE-1847 Bug: EasyVPN client connected with P&C always have GREEN zone pushed
 - UTM Enterprise VPN: L2TP
 - ENTERPRISE-1841 Bug: Incorrect configuration for IPsec/L2TP certificate authentication tunnels
 - UTM Proxy: SMTP
 - UTM-2191 Improvement: Update Realtime Blacklist (RBL)
 - UTM VPN: IPsec
 - UTM-2173 Improvement: Add possibility to choose uplink IP on IPSEC Tunnel
 - UTM-2189 Bug: DPD Action always set to restart
 - UTM VPN: OpenVPN
 - UTM-2200 Bug: OpenVPN job crash due to purple_ip_begin parameter handled as mandatory
 - UTM-2203 Bug: Cannot change OpenVPN instance from TUN/TAP

Changes applies 2019/05/06 – Fixes in Hotspot Social Login and UTM features

- Version 5.60.10
 - Hotspot Social Login
 - HOTSPOT-868 Bug: Facebook API 2.8 EOL
 - UTM Enterprise panda Network
 - ENTERPRISE-1811 Bug: panda Client not working when upstream proxy is set
 - UTM Enterprise Monitoring, Reporting
 - ENTERPRISE-1823 Bug: Panda Antivirus service log points to wrong file
 - UTM Monitoring, Reporting
 - UTM-2105 Improvement: Update SARG
 - UTM Service: Intrusion Prevention
 - UTM-2170 Bug: IPS alerts or Drops are not differentiated in the logs
 - UTM VPN: OpenVPN
 - UTM-2166 Bug: Add verification on OpenVPN's IP pool range
 - UTM-2168 New Feature: OpenVPN bridged instance can't set virtual IP pool range on second subnet

Changes applied on 2019/04/01 – Fixes in UTM features

- Version 5.60.10
 - Core Authentication layer
 - CORE-3133 Bug: Authentication fails if username is numeric and starts with 0
 - Core Backup
 - CORE-3154 New Feature: Implement pre and post hooks (run-parts) in autobackup.sh
 - Core EMI
 - CORE-3148 Bug: Cannot change language at first boot
 - Core Event Notifications
 - CORE-3160 Bug: Openvpn login successful event doesn't match log pattern
 - CORE-3164 Bug: Openvpn logout event not matched with some special characters
 - Core Firewall
 - CORE-3135 Bug: Typo in Incoming routed traffic source and destination description
 - Core Menu
 - CORE-2980 Improvement: Wrong contextual help links for EasyVPN
 - Core Network configuration
 - CORE-3146 Bug: Uplink check hosts option are reset after modifying network settings
 - CORE-3170 Bug: Cannot use CIDR /32 or /31 for additional IP addresses
 - Hotspot Administration
 - HOTSPOT-857 Improvement: Add all the user fields available to the SmartConnect FormField widget
 - Management Center Server
 - EMC-219 Improvement: Add EMC running status in provisioning file
 - OS Yocto
 - EOS-1592 Task: Package python-b2
 - UTM Antispam: SpamAssassin
 - UTM-2144 Improvement: fix run_sa_update invocation
 - UTM-2154 Bug: Spam Training uses wrong command for connection test

- UTM Enterprise User Interface
 - ENTERPRISE-1775 Bug: Hotspot service shown as stopped in System Status
- UTM Proxy: DNS
 - UTM-2160 Bug: DNS proxy can be enabled on not active zones
- UTM VPN: IPsec
 - UTM-2156 Bug: Missing option in ipsec.secrets template file for green zone
 - UTM-2158 Improvement: Set default DPD action to CLEAR for XAUTH and L2TP
- UTM VPN: OpenVPN
 - UTM-1888 Bug: VPN Connections are not shown

Changes applied on 2018/12/13 – Minor release 5.60.10

- Version 5.60.10
 - Core Backup
 - CORE-2716 Improvement: Include `/etc/ethconfig_include*` into the backup
 - Core Base system
 - CORE-2996 Bug: Fix documentation url retrieving on version transition
 - Core EMI
 - CORE-2472 Task: Restart Apache after certificate renew
 - CORE-2608 Improvement: Add an option to GUI setting for the Management GUI HTTPS certificate
 - CORE-2959 Bug: Cannot generate a certificate on the Management GUI
 - Core Hardware support
 - CORE-2783 Improvement: Add kernel module `rndis_host` for LTE modem
 - Core Kernel
 - CORE-2777 Improvement: Add possibility to remove SIP netfilter kernel modules
 - CORE-2965 Bug: Paket loss when installed on xen hypervisor
 - Core Logging & Monitoring
 - CORE-2921 Bug: Sarg retention in monthly cron is not working
 - Core Network configuration
 - CORE-2569 Bug: Support driverless 4G USB dongle
 - CORE-2765 Bug: Add support for driverless 4G usb modems to products
 - Hotspot Login portal
 - HOTSPOT-831 Task: Restart Hotspot after certificate renew
 - Management Center Service
 - EMC-202 Bug: VPN portal ignores configuration pushed from EMC
 - UTM Certificate Management
 - UTM-2008 Improvement: Randomize the default certificate organization
 - UTM-2013 Task: Sign certificates with Let's Encrypt

- UTM-2081 Bug: Wildcard hostname in certificate creation should be accepted
- UTM Enterprise Application Firewall
 - ENTERPRISE-1595 Epic: Introduce a new Application Firewall
- UTM Enterprise Authentication layer: Enterprise
 - ENTERPRISE-1646 Bug: VPN Authentication on LDAP fails with "operations error"
- UTM Enterprise Documentation
 - ENTERPRISE-1755 Improvement: EasyVPN Title and Menu text Change
- UTM Enterprise panda Network
 - ENTERPRISE-1692 Task: Wrong count of system users information sent to EN
 - ENTERPRISE-1727 Bug: Delete-sysid not working during backup restore if reboot option is used
 - UTM-2086 Bug: Wrong count of VPN users information sent to EN
- UTM Enterprise VPN: Enterprise options
 - ENTERPRISE-1598 New Feature: Switchboard-less Local VPN configuration
 - ENTERPRISE-1734 Bug: Add an option to EasyVPN P&C procedure push server GREEN network to clients
- UTM Enterprise VPN: Portal
 - ENTERPRISE-1708 Improvement: VPN Portal add possibility to enable/disable Secure cookie through datasource
- UTM Monitoring, Reporting
 - UTM-2031 Bug: Sarg is loading the wrong configuration
 - UTM-2108 Bug: Sarg doesn't load language file
- UTM Service: DHCP
 - UTM-2066 Bug: Netwizard command changes dhcp green configuration and disable other zones dhcp
- UTM Service: Intrusion Prevention
 - UTM-1968 Bug: IPS not started on boot if no ALLOW with IPS rules are present
 - UTM-2028 Bug: IPS not started on boot if no uplink is active
- UTM VPN: OpenVPN
 - UTM-2034 Improvement: Increase DH size for VPN

- UTM-2092 Bug: Push block-outside-dns from OpenVPN Server

Changes applied on 2018/06/12 – UTM fixes

- Version 5.60
 - Core EMI
 - CORE-2044 Task: Remove VueJS v1
 - CORE-2138 Bug: CSV Storages writes append items into the CSV
 - CORE-2288 Task: Create a function for getting running services
 - CORE-2438 Bug: Migration script manual execution is broken
 - Core Firewall
 - CORE-2468 Bug: Incorrect broute rules added by default in bridged mode
 - Core Network configuration
 - CORE-2329 Bug: Remove emergency_fill_br0 from network restartscript
 - Hotspot Authentication
 - CORE-2273 Bug: EMI traceback with hotspot external LDAP authentication
 - HOTSPOT-825 Bug: EMI traceback with hotspot external LDAP authentication
 - Management Center Client
 - EMC-153 Task: Add a command for getting running services from gateways
 - EMC-169 Task: Add a command for getting maintenance expiration
 - Management Center GUI
 - EMC-184 Bug: Profile gold gateway is not selectable and page shows wrong colors and alignment
 - Management Center Service
 - EMC-160 Bug: Safe Search ignores configuration pushed from EMC
 - EMC-162 Bug: Web Filter ignores configuration pushed from EMC
 - OS Buildsystem Tools
 - EOS-1466 Bug: Fix uglifyjs options to remove build path from sourceMappingURL
 - UTM Enterprise Authentication layer: Enterprise
 - ENTERPRISE-1624 Improvement: Add support for AES encrypted password

- UTM Enterprise Provisioning
 - ENTERPRISE-1594 New Feature: Support Local VPN configuration in provisioning
- UTM Enterprise Service: High Availability
 - ENTERPRISE-1572 Bug: Default GW is not set on slave at takeover in No Uplink mode
- UTM Enterprise User Interface
 - ENTERPRISE-1523 Bug: Remove Plug and Connect console customizations for non-panda brandings
- UTM Proxy: SMTP
 - UTM-1965 Bug: amavisd-new doesn't restart after an unclean shutdown due to db corruption

Changes applied on 2018/05/10 - 3/4G USB modems/Intel Ethernet cards, HTTPS Proxy and other minor fixes

- Version 5.60
 - Core Base system
 - Improvement: Add support for Intel X553 Gigabit Ethernet Adapter
 - Core Package management
 - Bug: smart upgrade doesn't upgrade packages on some circumstances
 - Hotspot Authentication
 - Bug: Hotspot with Proxy "keep source IP address" option causes asymmetrical routing
 - Management Center Server
 - Bug: Gateway repository are not included into the backup
 - UTM Enterprise Antivirus: Panda
 - Bug: PandaAV signatures update stuck
 - UTM Enterprise VPN: L2TP
 - Bug: L2TP VPN user status not updated in Status VPN Connections
 - UTM Enterprise Webfilter: HTTPS Transparent content filtering
 - New Feature: Content filter for https pages
 - UTM Proxy: HTTP
 - Bug: Squid exhausting TCP network buffer due to CONNECT keep-alive type of connections
 - Bug: WPAD in JSON format
 - UTM Proxy: SMTP
 - Bug: AMaViS temporary files are not removed after a day
 - UTM VPN: OpenVPN
 - Bug: OpenVPN job does not start after reboot

Changes applied on 2017/02/08 - Proxy, VPNs, hotspot and other minor fixes

- Version 5.60
 - Core Authentication layer
 - Task: Introduce python-oauthlib and requests-oauthlib Python libraries
 - Core Base system
 - Task: Introduce Python requests library
 - Task: Introduce Python bleach for UTM
 - Improvement: Improve the datasource command allowing changing settings values
 - Task: Make console menu configurable
 - Improvement: Add CLI notification when a reboot is required
 - Core EMI
 - Improvement: Register emi commands with a decorator
 - Bug: Cannot change user group membership when language is Italian
 - Task: Add new stylesheets and icons (Bootstrap)
 - Task: Encrypt PersistentDict with AES
 - Bug: JSON EMI command parameter parsing is broken
 - Task: NetworkAddress validator optionally calculate network addresses
 - Bug: Fix missing dependencies on html5lib
 - Core Firewall
 - Bug: Snort doesn't work when HTTP proxy is ON
 - Core Jobsengine
 - Task: Move generic files functions from .job.common to .core.filetools
 - Core Logging & Monitoring
 - Bug: AttributeError: MultiLineSysLogHandler object has no attribute formatException
 - Bug: panda-update crash due log exception
 - Core Update procedure
 - Bug: Autoupdate script not linked after netwizard
 - Core Web server

- Task: Add SSLStrictSNIVHostCheck off to httpd configuration
- Hotspot Social Login
 - Improvement: Improve Social Enabler mobile experience
 - New Feature: Twitter and Instagram Social Login
- Management Center Client
 - Bug: System access firewall rules are pushed but not applied
 - Task: Create EMC client (Recognizer)
 - Task: Add python-potr recipe
 - Task: Add python-sleekxmpp recipe
- Management Center Service
 - Bug: IPS ignores configuration pushed from EMC
 - Bug: DHCP fix leases are ignored when configured by EMC
- Enterprise Updates
 - Bug: panda-update changes breaks updates from GUI
- UTM Enterprise Provisioning
 - Improvement: Check for configurations on registry.com for one day after network wizard
 - Improvement: Add console menu option to connect the system to the Switchboard
 - New Feature: Add a gui to connect the system to the Switchboard
 - Bug: Remove git configuration information from provisioning dump
- UTM Enterprise User Interface
 - Bug: Apache failing to redirect to the dashboard after successful registration
 - Bug: Remove Plug and Connect customizations for non-endian brandings
- UTM Enterprise VPN: L2TP
 - Bug: L2TP job remains in waiting_depends status forever when L2TP is not enabled
- UTM Enterprise VPN: Portal
 - Bug: VPN Portal cannot connect to HTTPS servers with small DH
- UTM Proxy: HTTP
 - Bug: setproxyinout produce an error when a restart is perform and the proxy is not installed
- UTM Service: Intrusion Prevention
 - Bug: QUEUPANDA not cleaned after SNORT is disabled

- UTM VPN: Client
 - Task: Send Bus notification on client VPN connection/disconnection
- UTM VPN: OpenVPN
 - Improvement: Add option for load custom TLS ciphers
 - Bug: Triggers are not executed by openvpn-user fakedisconnect command
 - Bug: Server OpenVPN problem after Update
 - Bug: KeyError reading OpenVPN status
- UTM VPN: User & Group Management
 - Improvement: Replace "Disabled for service" with "Enabled services" in user editor

Changes applied on 2017/11/06 – Squid fix (5.50) & New Dnsmasq (5.60)

- 5.60 version
 - Core EMI
 - Bug: text.js is wrongly packaged as require-text.js
 - Bug: Wrong default tab for new users and when edit an existing one
 - Core Firewall
 - Bug: Interzone rules not deleted
 - Bug: Interzone rules are not created when hotspot interface is used
 - Core Logging & Monitoring
 - Bug: Event reporting graphs not working
 - Core Translations
 - Task: Update 5.0 translations
 - Hotspot Authentication
 - Improvement: Custom UAM UI server url
 - Hotspot Login portal
 - Bug: Emi traceback while trying to register an already existent user
 - Hotspot Social Login
 - New Feature: Add information about the social provider used to create an account
 - UTM Certificate Management
 - Improvement: In Certificates change Subject Alt Name textinput to a more usable widget
 - UTM Proxy: DNS
 - Bug: Dnsmasq is not restarted when a new host is added
 - Bug: Update dnsmasq to 2.78
 - UTM Proxy: HTTP
 - Bug: Squid terminates with an error if an entire domain and its subdomains are used in the same access policy
 - UTM Service: Quality of Service
 - Bug: Unable to make QoS rules for OpenVPN Server instances
- 5.50 version
 - Proxy: HTTP

- Bug: Squid terminates with an error if an entire domain and its subdomains are used in the same access policy.

Affected packages:

panda-proxy-3.0.70-2.panda17.noarch.rpm

squid-3.4.13-7.panda40.i586.rpm

Changes applied on 2017/10/03 – Reboot notification

- Version 5.60
 - Core Dashboard
 - Improvement: Mechanism to notify users about a required reboot
 - Hotspot Database
 - New Feature: Include NAS-Identifier into radacct table

Changes applied on 2017/09/18 – Updated hotspot certificate (5.50)

- Version 5.50
 - Branding: Appliance
 - New Feature: Update Hotspot certificate – 2017
Affected packages:
panda-gatedefender-appliance-*-3.0.39-1.panda34.i586.rpm
 - VPN
 - Bug: Openvpnclient gets not monitored after a force restart via jobcontrol
Affected packages:
panda-vpn-3.0.141-0. panda 24.noarch.rpm
panda-vpnclient-3.0.31-0. panda 20.noarch.rpm
openvpn-2.4.3-16. panda 2.i586.rpm

Changes applied on 2017/09/15 – New hotspot certificate (5.60)

- Version 5.60
 - VPN: Client
 - Task: Add function for getting the OpenVPN client status
 - Hardware support
 - Bug: Missing network card firmwares for rtl and bnx2
 - EMI
 - Task: Show hooks in datasource command output
 - Task: Add a decorator for returning plain error messages
 - Bug: Emi MongoStorage _load and _store_items methods ignores current_identity argument
 - Provisioning
 - Task: Add options for excluding provisioning sections from import
 - Base system
 - Task: Do not delete the wtmp file on reboot
 - Task: Implement Endian Bus (Internal IPC bus)
 - Branding: Appliance
 - New Feature: Update Hotspot certificate – 2017
 - Backup
 - Task: Add an option to backup-restore for restoring only non-system-specific settings

Changes applied on 2017/08/21 – kernel compatibility improvements

- Version 5.60
 - VPN: Client
 - Bug: Openvpnclient gets not monitored after a force restart via jobcontrol
 - Yocto
 - New Feature: Create mini-25 and mini-25-wifi product based on SCB6901 machine with dual core and mmc
 - Antivirus: ClamAV
 - Bug: Jobsengine deadlock prevents jobs from starting
 - Kernel
 - Epic: Extend kernel 4.1 compatibility
 - EMI
 - Improvement: Add JSON payload support for EMI commands
 - Task: Update JQuery DataTables
 - Improvement: Start emi/acpid/ulog before the netwizard
 - Webfilter: Commtouch
 - Improvement: Downgrade commtouch-webfilter to 8.00.0049
 - Translations
 - Bug: Upgrade python-simplejson to prevent conversion of i18n strings to JSON failure
 - ICAP
 - Bug: c-icap cannot allocate memory for buffer
 - Bug: icap/settings.panda lock prevents PavapiDaemon to start
 - Logging & Monitoring
 - Bug: Logrotate does not rotate log files bigger than 2GB on x86 platforms
 - Monitoring, Reporting
 - Improvement: Support for hourly graphs

Changes applied on 2017/06/26 – Updated squid version and new Panda library

- Version 5.60
 - Login portal
 - Bug: In the smart connect via e-mail it is not possible to enable telephone country code.
 - Social Login
 - Bug: Social login authentication return InvalidToken after hotspot purge
 - Bug: Fail-safe management of Social Login
 - Webfilter: Commtouch
 - Improvement: commtouch-webfilter: upgrade to 8.01.0000
 - Administration
 - Bug: Language settings show error for arabic language
 - Improvement: Correct and simplify the print behavior of the infoedit page
 - Improvement: Add the option Delete expired accounts on a daily basis
 - Proxy: HTTP
 - Epic: Update squid to 3.5.25
 - VPN: OpenVPN
 - Improvement: Allow different certificates for each OpenVPN server instance
 - New Feature: Update OpenVPN to 2.4.1
 - Improvement: Ignore authentication layer exceptions during OpenVPN restart
 - Event Notifications
 - Bug: openvpnclient events for tunnel opening and closing not triggered
 - Antivirus: Panda
 - Improvement: Pavapi: new libpavapi library

Changes applied on 2017/06/01 – OpenVPN update

- Version 5.60
 - Yocto
 - Bug: Smart update fails because of a race condition
 - Login portal
 - Bug: Unable to register with the Smart Connect if the email is more than 40 chars
 - Social Login
 - Bug: Social Login not available on satellite
 - Administration
 - Improvement: Print account using selected language
 - EMI
 - Task: Create generic REST controller
 - Task: If X-Disable-Error-Template header is on, returns plain error message
 - Bug: Wrong ownership for emi cachestorage file
 - Network
 - Task: Register a system on the network with an given System ID
 - VPN: OpenVPN
 - New Feature: Update OpenVPN to 2.4.1
 - Task: Restructure OpenVPN status parser
 - Buildsystem Tools
 - Bug: Smart does not always install the latest packages when building the image
 - Base system
 - Task: Allow configuring several SSH daemon options
 - Task: Disable colors in shell commands while piping or redirecting output
 - Authentication
 - Bug: Social login authentication issue with IE / Edge
 - API
 - Bug: Hotspot API Test Page not working
 - Certificate Management
 - Task: Add local CA certificates to CA bundle
 - Service: Intrusion Prevention

- Epic: Short signatures management fixes
- Package management
 - Task: Migration scripts cleanup

Changes applied on 2017/05/09

- Version 5.60
 - Yocto
 - New Feature: Prepare new layers for IS packages
 - Authentication
 - Bug: Android captive portal redirection shown on all zones
 - Login portal
 - Improvement: Hotspot portal Arabic translation
 - EMI
 - Task: Add require.js and other JavaScript libraries
 - Task: Add JavaScript libraries dependencies to EMI
 - Bug: Additional gui users cannot access to emi webpages
 - GUI
 - Bug: Align icons, texts and elements in Portal and Management GUI
 - Administration
 - Improvement: Cyclic Tickets for Smart Connect, Account Generator and Quick Tickets
 - Network
 - Bug: Initial registration page do not redirect correctly through Switchboard portal
 - VPN: OpenVPN
 - Improvement: Customize OpenVPN dnsmasq vpn prefix
 - Task: Use Base64 for encoding OpenVPN passwords
 - Bug: OpenVPN stopped after panda-vpn update because of authentication daemon restart
 - Proxy: HTTP
 - Bug: Add parameter winbind max clients to winbind.conf
 - Base system
 - Task: Add panda-shell config command for managing configuration revisions with git
 - New Feature: Create bootstrap package
 - Task: Package the latest version of jQuery
 - User Interface
 - New Feature: JavaScript library to manage gateways on the map

- Certificate Management
 - Task: Add an option for choosing the certificates private key size
- Service: DHCP
 - Bug: DHCP dynamic leases page show also expired leases
 - Task: Upgrade Dnsmasq to 2.76

Changes applied 2017/03/20

- Version 5.60
 - Web server
 - Task: Serve the source Javascript instead of the minified if the source is available
 - Login portal
 - Improvement: French translation for the Hotspot
 - License
 - Task: Do not include server host in redirect
 - Database
 - New Feature: Introduce new fields: company and job title
 - Firewall
 - Bug: Contrack connections table not cleaned after uplink failover
 - Administration
 - Improvement: Account Editor add default language option
 - Bug: If an Hotspot Account Editor edits any field the language is reset to English
 - EMI
 - Task: Generate Swagger definition for emi commands
 - Bug: Disabling the first tab with guiprofile also removes menu item
 - Bug: Impossibility to accept license agreement with emi no root
 - Bug: Traceback on httpd job on start
 - Task: Do not include server host in redirect
 - Task: Do not include server host in redirects generated by EMI
 - Bug: Create MongoDB indexes
 - Bug: No database found after mongo first run
 - Bug: An exception is raised listing an empty MongoDB collection
 - Network
 - Task: Create tunnels.config instead of using the obsolete registerLookup
 - Task: Create smbconfig.config instead of using the obsolete registerLookup
 - VPN: OpenVPN
 - Task: Add encryption cipher and digest options to OpenVPN instances

- Bug: Changing OpenVPN server device type modifies the owner of some cache files
- Bug: Radius authentication does not work on VPN
- Bug: Extra lines included in available TLS ciphers for OpenVPN
- Provisioning
 - Improvement: Autoregistration download from <https://registry.panda.com> must accept only trusted certificates
 - Bug: Provisioning fails if unicode characters are used in the Company field
- Base system
 - Bug: Change how DataSource handle missing path
- Authentication
 - Bug: Empty page is generated when no SmartConnect rates are available to the user
- Network configuration
 - Bug: Network Wizard from CLI cannot add multiple IPs on red interface
 - Bug: Network interfaces change order
- Logging & Monitoring
 - Bug: Wrong date in filename for archived logs
- Proxy: SMTP
 - Bug: smtpscan Traceback at boot if shoudstart is False
 - Bug: Missing liblogin SASL library
- Backup
 - Bug: ECDSA ssh keys are not included in settings backup
- Service Templates
 - Improvement: Add custom configuration file for each OpenVPN client Changes applies on 2017/02/01

Changes applied on 2017/02/01

- Version 5.60
 - Social Login
 - Improvement: Extract more information from Social Login
 - Bug: Hotspot login with AD does not work due to emi error
 - EMI
 - Bug: Restrictions ignored when EMI is stopped
 - Task: Use Jobsengine function for rebooting
 - Bug: HolisticLock acquire waits forever if the process does not have rights to write the lock
 - Bug: Missing error message in NetworkMultiIPs validator
 - Task: Rewrite shutdown and gui settings in emi
 - Bug: Fix default panda daemons config path
 - Bug: Allow web console to run with non root user
 - Task: Add core:Language entity
 - Bug: Proxy HTTP button incorrectly displayed on some products
 - Task: Add an option for running emi as not root
 - Network
 - Bug: Traceback after en-client after acs-module installation
 - Bug: Activation Codes longer than 20 char cannot be entered in GUI registration page
 - Provisioning
 - Bug: Provisioning process prevent network wizard settings application
 - Task: Use registry.panda.com as autoregistration host
 - Base system
 - Task: Remove obsolete ipcopdeath, ipcoprebirth, and iowrap scripts
 - Task: Allow SSH client to pass locale environment variables
 - Task: Optimize firewall restart criteria on boot
 - Improvement: Disable OpenSSH port 222
 - Enterprise Updates
 - Bug: Provisioning user need sudo permission for panda-update
 - Monitoring, Reporting

- Bug: Not found EMI error when clicking Web chart slice from Summary
- Bug: Unable to open Event Reporting database imported from a 3.0 backup
- VPN: IPsec
 - Improvement: Restrict IPsec proposal usage (strict mode)
 - Bug: VPN connection status for IPSEC/L2TP Host-to-Net connection doesn't show Assigned IP and Remote IP
- Quality of service: Tagging
 - Bug: QoS Tagging rules should tag and return to not match other tag rules
- Certificate Management
 - Bug: Uploaded certificate issued by a trusted CA cannot be deleted
- Network configuration
 - Task: Support Modem Manager uplink in textual netwizard
- Administration
 - Bug: Fix boolean verification in Hotspot shouldstart method
- Proxy: HTTP
 - Bug: wpad is offered via DHCP and HTTP even if proxy is inactive
- VPN: L2TP
 - Bug: L2TP job doesn't start due to wrong shouldstart check
 - Bug: IPsec job doesn't start due to wrong shouldstart check
- Dashboard
 - Improvement: Remove Status column from Dashboard Network Interfaces plugin
 - Improvement: Show in dashboard if signatures download is disabled by an uplink configuration
- Proxy: SMTP
 - Improvement: Notify recipients when a virus mail has been detected
- Yocto
 - Improvement: Apply panda-snort patches on sources
- Jobsengine
 - Bug: Jobsengine unresponsive logging "Too many open files"

- Bug: An invalid exit code in a Job action prevents successive Job execution
- VPN: OpenVPN
 - New Feature: Upgrade OpenVPN to 2.3.12
 - Epic: Add restart option in vpn postinst and trigger
- Traffic monitoring
 - Bug: Redis is using the wrong configuration file on 3.10 and 5.0
- Branding: Appliance
 - Task: Update Facebook App ID
- Event Notifications
 - Bug: Fix notifications functions update_patterndb
- Service: DHCP
 - Bug: Missing dhcrelay binary

Changes applied on 2017-01-09

- Version 5.60
 - Branding: Appliance
 - Bug: Disable PAE flag from dna940 kernels because esoho does not support it.
 - Bug: e9500: missing 3w-9xxx HW Raid drivers.
 - Administration
 - Bug: fckeditor can list and overwrite system files.
 - VPN: OpenVPN
 - Bug: OpenVPN authentication will fail if user passwords begin with "-"
 - Kernel
 - Bug: Dirty COW local privilege escalation (CVE-2016-5195)
 - Improvement: kernel: upgrade to 4.1.35

Changes applied on 2016-12-20 - New 5.60 version

- Version 5.60
 - New features
 - Mobile Broadband uplink type
 - QoS Tagging of packets
 - Disable signature updates for certain uplinks
 - 64 bit images for bigger hardware appliances
 - 64 bit software images
 - Social Enabler to allow users to post on social networks when connection to the hotspot
 - Redirect homepage to external site (SurfNow button)
 - Ability to change the "start browsing" URL after the captive portal was loaded
 - Improvements
 - Del button working support for pandaOS 5.0
 - Inputrc improvements for history search and other useful keybindings
 - Uplink GUI string changes
 - Remove CPU core limit from kernel configuration
 - Add SSL/TLS and STARTTLS support to email notifications
 - Update ciphers in ssh_config
 - Improve encryption and key length for httpd service
 - Report the authentication provider for successful login
 - Ability to set a custom Diffie-Hellman group for the webserver
 - Introduce UTC and GMT timezones
 - Add a validator for host and domain names in CLI netwizard
 - Installer rewrite
 - x86: upgrade kernel to 4.1.15
 - x86: add kernel fragments infrastructure
 - Prevent old RPM channels from being installed on Yocto-based systems
 - freeradius: host contamination
 - pavapi: upgrade to latest version
 - Upgrade tzdata to support timezone changes
 - OpenSSL: upgrade to 1.0.1q

- Avoid pavapidaemon restart if not forced
- Use apache custom Diffie-Hellman group for Reverse Proxy
- Ability to write a custom support message
- Reverse proxy for Hotspot portal background homepage to avoid connection problems in mobile browsers
- Store Social Login settings into the database
- Pressing Enter, the user is not logged in
- Better error messages for Cyclic rates
- Add 12h and 24h as connection time out
- Prevent ticket rates used by Social Login from being deleted
- Add new walled garden domains for Apple
- Enable/Disable proxy.pac feature per zone
- Allow customizing the OpenVPN authentication type for each server instance
- Basic interface to configure SMTP smarthost
- During the installation automatically activate DHCP client on WAN interface and DHCP server on LAN interface
- Show the total number of connections in "show openvpn"

Changes applied on 2016-12-14 – New Cloud engine and safe search

- Version 5.50
 - New Cloud antivirus engine and safe search feature
 - Epic: Panda Cloud Engine 1.6
Affected packages:
c-icap-0.4.2-0.panda3.i586.rpm
c-icap-modules-0.4.1-0.panda3.i586.rpm
c-icap-modules-clamav-0.4.1-0.panda3.i586.rpm
c-icap-modules-commtouch-0.4.1-0.panda7.i586.rpm
c-icap-modules-panda-0.4.7-0.panda1.i586.rpm
c-icap-modules-url-rewrite-0.1.1-0.panda3.i586.rpm
panda-commtouch-webfilter-3.0.29-1.panda20.noarch.rpm
panda-icap-3.0.11-0.panda9.noarch.rpm
panda-panda-3.0.32-0.panda5.noarch.rpm
panda-safesearch-3.0.3-0.panda1.noarch.rpm
libmccrypt-2.5.7-1.panda0.i586.rpm
pavapi-04.06.04.0046-1.panda4.i586.rpm
 - Kernel
 - Bug: Systems freeze after reboot with igb drivers 5.3.3
Affected packages:
igb-5.0.6-2.panda6_2.6.32.43_57.e55.i586.rpm
kernel-module-*-igb-5.0.6-2.panda6_2.6.32.43_57.e55.i586.rpm
 - Bug: Fixed a segmentation fault case while icap scanning infected archives.
Affected packages:
c-icap-modules-0.4.1-0.panda4.i586.rpm
c-icap-modules-clamav-0.4.1-0.panda4.i586.rpm
 - Bug: Fixed a wrong detection on some files
Affected packages:
pavapi-04.06.04.0047-1.panda4.i586.rpm
 - Improvement: Avoid the antimalware engine restart if not forced.
Affected packages:
panda-panda-3.0.34-0.panda5.noarch.rpm
jobseengine-3.0.58-1.panda5.i586.rpm

- ICAP
 - Bug: Web filter profile containing space in the name were not applied to proxy ACL
Affected packages:
panda-commtouch-webfilter-3.0.32-1.panda20.noarch.rpm
panda-urlfilter-3.0.43-1.panda10.noarch.rpm
 - Bug: Webfilter configurations were not removed and prevented c-icap to start.
Affected packages:
panda-commtouch-webfilter-3.0.32-1.panda20.noarch.rpm
panda-urlfilter-3.0.43-1.panda10.noarch.rpm
- Base system
 - Improvement: Monit service improvement
Affected packages:
monit-5.2.3-1.panda17.i586.rpm
 - Task: Add panda.crypto module
Affected packages:
panda-core-3.0.85-0.panda12.i586.rpm
- Panda Network
 - Task: Allow the systems registration using the "registration key" instead of the old password.
Affected packages:
panda-client-3.0.12-1.panda28.i586.rpm
- Authentication layer: Enterprise
 - Bug: Edit Authentication server mappings will remove apache as Authentication server.
Affected packages:
panda-vpn-authentication-enterprise-3.0.19-0.panda3.noarch.rpm
 - Bug: Fixed an OpenVPN client disconnection after 1 hour if OTP is used.
Affected packages:
panda-vpn-3.0.137-0.panda22.noarch.rpm
panda-eal-backend-enterprise-3.0.34-0.panda3.noarch.rpm
- Backup
 - Bug: Factory default was not restoring ethernet settings.

- Affected packages:
panda-backup-3.0.22-1.panda11.i586.rpm
 - Improvement: Backup system updated.Affected packages:
panda-backup-3.0.24-1.panda11.i586.rpm
- o Certificate Management
 - Task: Certificated with a CA chains with more than one CA couldn't be used in VPN server and VPN portal.Affected packages:
panda-ca-3.0.50-0.panda1.noarch.rpm
 - Bug: Uploaded certificate issued by a trusted CA couldn't be deleted.Affected packages:
panda-eal-backend-3.0.77-0.panda13.noarch.rpm
- o Package management
 - Improvement: Faster Rpm database rebuild procedureAffected packages:
scripts-3.0.7-0.panda21.i586.rpm
- o Proxy: HTTP
 - Epic: proxy.pac improvementsAffected packages:
panda-dhcpd-3.0.11-0.panda8.noarch.rpm
panda-proxy-3.0.66-2.panda17.noarch.rpm
- o Proxy: POP3
 - Bug: POP3 whitelisted/blacklisted addresses were not considered with CyrenAffected packages:
panda-spamassassin-3.0.11-2.panda23.noarch.rpm
- o EMI (Graphic interface)
 - Bug: Non-ASCII subject of mails in quarantine were not displayed correctly.Affected packages:
panda-mail-quarantine-3.0.22-0.panda2.noarch.rpm
 - Bug: Some long lines were incorrectly shownAffected packages:
panda-core-3.0.85-0.panda12.i586.rpm

- Bug: Restrictions Ignored when EMI is stopped
Affected packages:
panda-guilib-3.0.38-0.panda5.noarch.rpm
- Firewall
 - Bug: VPN Firewall rules were not applied
Affected packages:
panda-firewall-3.0.60-25.panda33.noarch.rpm
jobseengine-3.0.56-1.panda5.i586.rpm
 - Bug: OpenVPN destinations are reachable from RED zone
Affected packages:
panda-firewall-3.0.62-25.panda33.noarch.rpm
- Service: DHCP
 - Bug: Custom DHCP configuration was not applied
Affected packages:
panda-dhcpd-3.0.13-0.panda8.noarch.rpm
- Service: High Availability
 - Bug: Uplink now switch to disabled on the slave unit when in stand-by.
Affected packages:
panda-ha-3.0.22-0.panda15.i586.rpm
uplinksdaemon-3.0.9-0.panda19.i586.rpm
 - Bug: HA does not trigger any more when interzone firewall is modified.
Affected packages:
panda-firewall-3.0.60-25.panda32.noarch.rpm
panda-ha-3.0.24-0.panda16.i586.rpm
panda-restartscripts-3.0.10-0.panda2.noarch.rpm
 - Improvement: HA database
Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
- Service: Mail Quarantine
 - Improvement: Quarantine digest stopped when email was not sent and SMTP wasn't running.

- Affected packages:
panda-mail-quarantine-3.0.22-0.panda2.noarch.rpm
- VPN
 - Bug: Vpnclient did not stop when in HA slave
Affected packages:
panda-vpnclient-3.0.29-0.panda19.noarch.rpm
 - Bug: VPN Portal requires certificates of type server
Affected packages:
panda-reverse-proxy-3.0.27-0.panda1.noarch.rpm
 - Bug: Cannot use certificates with intermediate CAs for OpenVPN server
Affected packages:
panda-vpn-3.0.137-0.panda22.noarch.rpm
 - Bug: panda-eal-backend-enterprise migration failure because of
KeyError: 'provider_name'
Affected packages:
panda-eal-backend-enterprise-3.0.35-0.panda3.noarch.rpm
 - Jobsengine
 - New Feature: Disable signature updates for certain uplinks
Affected packages:
panda-interfaceeditor-*3.0.7-1.panda2.noarch.rpm
panda-panda-3.0.34-0.panda5.noarch.rpm
panda-snort-3.0.20-1.panda22.noarch.rpm
panda-spamassassin-3.0.13-2.panda23.noarch.rpm
panda-core-3.0.85-0.panda12.i586.rpm
jobsengine-3.0.58-1.panda5.i586.rpm
 - Hotspot
 - New Feature: Reverse proxy for Hotspot portal background homepage
Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
 - Improvement: Introduce a Social Login flow for the Captive Portal Login of Android and iOS
Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
 - New Feature: Redirect homepage to external site (SurfNow)

- Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
- Bug: fckeditor can list and overwrite system files
Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
- Bug: Cannot copy the SurfNow code snippet
Affected packages:
panda-hotspot-3.0.182-1.panda15.noarch.rpm
- o Yocto
 - Improvement: Prevent old RPM channels from being installed on Yocto-based systems
Affected packages:
panda-panda-client-3.0.31-0.panda36.noarch.rpm
panda-client-3.0.14-1.panda29.i586.rpm
- o Branding: Appliance
 - Bug: Wrong EVENTPREFIX in the event notification subject
Affected packages:
panda-gatedefender-appliance-*-3.0.38-1.panda34.i586.rpm
- o Kernel
 - Bug: Dirty COW local privilege escalation (CVE-2016-5195)
Affected packages:
backports-3.14_1-0.panda2_2.6.32.43_57.e55.i586.rpm
e1000e-2.5.4-2.panda6_2.6.32.43_57.e55.i586.rpm
i40e-1.3.46-1.panda5_2.6.32.43_57.e55.i586.rpm
igb-5.3.3.5-2.panda4_2.6.32.43_57.e55.i586.rpm
ipset-4.5-1.panda4_2.6.32.43_57.e55.i586.rpm
iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e55.i586.rpm
ixgbe-3.18.7-2.panda4_2.6.32.43_57.e55.i586.rpm
kernel-2.6.32.43-57.e55.i586.rpm
kernel-PAE-2.6.32.43-57.e55.i686.rpm
kernel-backports-firmware-3.14_1-0.panda2_2.6.32.43_57.e55_fw1.i586.rpm
kernel-firmware-2.6.32.43-57.e55.i686.rpm
kernel-module-*-backports-common-3.14_1-0.panda2_2.6.32.43_57.e55.i586.rpm



lcm-0.3-9.panda6_2.6.32.43_57.e55.i586.rpm

megaraid-sas-06.806.08.00-0.panda1_2.6.32.43_57.e55.i586.rpm

open-vm-tools-9.4.0.1280544-

2.panda16_2.6.32.43_57.e55.i586.rpm

Changes applied on 2016-08-24 – Update Hotspot certificate

- Version 5.50
 - Branding: Appliance
 - Task: Update Hotspot certificate - 2016 edition
Affected packages:
panda-gatedefender-appliance-*-3.0.37-1.panda34.i586.rpm
- Version 5.00
 - Branding: Appliance
 - Task: Update Hotspot certificate - 2016 edition
Affected packages:
panda-gatedefender-appliance-*-2.10.54-1.panda23.i586.rpm

Changes applies on 2016-04-21

- Version 5.50
 - Hotspot
 - Bug: Error while uploading image using WYSIWYG editor

Affected packages:
panda-hotspot-3.0.165-1.panda14.noarch.rpm
 - Proxy: SMTP
 - Bug: DSN option is not working correctly

Affected packages:
panda-smtpscan-3.0.73-0.panda47.noarch.rpm
 - Bug: SSLv3 POODLE for SMTP Proxy

Affected packages:
panda-smtpscan-3.0.73-0.panda47.noarch.rpm
 - Task: Disable ipv6 on postfix

Affected packages:
panda-smtpscan-3.0.73-0.panda47.noarch.rpm
 - Service: Mail Quarantine
 - Bug: Quarantine summary reports are quarantined with Cyren enabled

Affected packages:
panda-smtpscan-3.0.73-0.panda47.noarch.rpm

Changes applied on 2016-04-14

- Version 5.50
 - Authentication layer
 - Improvement: Add status.authentication.connections
Affected packages:
panda-eal-frontend-3.0.63-0.panda20.noarch.rpm
 - Bug: Fix wrong imports in panda.authentication_frontend.web
Affected packages:
panda-eal-frontend-3.0.63-0.panda20.noarch.rpm
 - Backup
 - Bug: Add an option for disabling sleep in backup creation
Affected packages:
panda-backup-3.0.21-1.panda11.i586.rpm
 - Base system
 - Improvement: Italian translations
Affected packages:
panda-webfilter-config-3.0.9-0.panda2.noarch.rpm
 - Demo
 - Bug: Event notification script upload is not blocked in demo mode
Affected packages:
panda-customscripts-3.0.6-1.panda1.noarch.rpm
 - Documentation
 - Bug: L2TP documentation link wrongly points to IPsec section
Affected packages:
panda-l2tp-3.0.14-0.panda4.noarch.rpm
 - Bug: update 3.0 help links
Affected packages:
panda-l2tp-3.0.14-0.panda4.noarch.rpm
 - EMI
 - Bug: panda.logger raises an exception mixing message parameters and exc_info

Affected packages:

panda-core-3.0.81-0.panda12.i586.rpm

- Bug: EMI error while editing multiline widgets

Affected packages:

panda-core-3.0.81-0.panda12.i586.rpm

- Event Notifications

- Bug: Email notifications through Smarthost are not sent

Affected packages:

panda-core-3.0.81-0.panda12.i586.rpm

- Jobsengine

- Bug: Job groups are lost after jobsengine reload

Affected packages:

jobsengine-3.0.54-1.panda5.i586.rpm

- License

- Task: Update license

Affected packages:

panda-appliance-*3.0.51-11.panda100.i586.rpm

- Monitoring, Reporting

- Bug: Mails statistics not shown in Event Reporting mail section

Affected packages:

panda-reporting-3.0.66-0.panda2.noarch.rpm

- Network configuration

- Bug: Wrong businfotab for 3.0.5 on Macro 1000 and 2500

Affected packages:

panda-appliance-*3.0.51-11.panda100.i586.rpm

- Provisioning

- Bug: Unable to switch from no uplink to routed mode

Affected packages:

panda-provisioning-3.0.28-1.panda15.noarch.rpm

- Proxy: HTTP

- Bug: Squid going IPv6 on IPv6 sites resulting in (101) Network is unreachable

Affected packages:
panda-proxy-3.0.64-2.panda17.noarch.rpm
- Service: Intrusion Prevention
 - Bug: Unable to disable Snort rules due to a TypeError

Affected packages:
emi-3.0.164-0.panda13.noarch.rpm
- Translations
 - Task: Update translations
Affected packages:
panda-locales-* -3.0.17-0.panda8.i586.rpm
- VPN
 - Bug: L2TP authentication error if password has special chars

Affected packages:
panda-eal-frontend-3.0.63-0.panda20.noarch.rpm
 - Bug: Add console "show l2tp" command

Affected packages:
panda-l2tp-3.0.14-0.panda4.noarch.rpm
 - Bug: Fix strongSwan vulnerability CVE-2015-8023

Affected packages:
strongswan-ikev1-5.1.1-1.panda4.i586.rpm
strongswan-ikev2-5.1.1-1.panda4.i586.rpm
strongswan-ipsec-5.1.1-1.panda4.i586.rpm
strongswan-libs0-5.1.1-1.panda4.i586.rpm

Changes applied on 2016-03-30

- 5.50 version
 - Service: Intrusion Prevention
 - Bug: Snort rules based on "preprocessor ssl" prevent snort to start

Affected packages:
panda-snort-3.0.19-1.panda22.noarch.rpm
 - System status
 - Bug: connection.cgi use 100% of CPUs

Affected packages:
panda-base-3.0.18-1.panda31.noarch.rpm

Changes applied on 2016-03-17 - Hotspot

- Version 5.50
 - Bug: Social login with Facebook is not working with iOS
Affected packages:
panda-hotspot-3.0.164-1.panda14.noarch.rpm
 - Bug: Logger instance not initialized for database connections

Affected packages:
panda-hotspot-3.0.164-1.panda14.noarch.rpm

Changes applied on 2016-03-04 – Kernel IMPORTANT RELEASE

- Version 5.50
 - Kernel
 - Bug: PAE-based machines get kernel modules uninstalled when ipset is set to be installed

Affected packages:

ipset-4.5-1.panda4_2.6.32.43_57.e54.i586.rpm

kernel-module-*-ipset-4.5-1.panda4_2.6.32.43_57.e54.i586.rpm

Changes applied on 2016-03-03

- Version 5.50
 - Hotspot
 - Bug: Segmentation faults when radiusd is reloaded

Affected packages:
panda-radiusd-3.0.15-0.panda7.noarch.rpm
 - Bug: The hotspot traffic is growing after browsing with 5Gb limit

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm

panda-radiusd-3.0.15-0.panda7.noarch.rpm
 - Bug: Hotspot registering wrong session time (-1 hour) on Connection Logs

Affected packages:
panda-hotspot-3.0.161-1.panda13.noarch.rpm
 - Task: Increase CoovaChilli lease time

Affected packages:
panda-hotspot-3.0.161-1.panda13.noarch.rpm
 - Network Configuration
 - Improvement: Add a validator for host and domain names in CLI netwizard

Affected packages:
panda-hotspot-3.0.161-1.panda13.noarch.rpm
 - Service: DHCP
 - Epic: DHCP Service reengineering

Affected packages:
panda-dhcpd-3.0.10-0.panda8.noarch.rpm

- Bug: Error displaying DHCP Server configuration

Affected packages:
panda-dhcpd-3.0.10-0.panda8.noarch.rpm
- Bug: DHCP enable checkbox disappears

Affected packages:
panda-dhcpd-3.0.10-0.panda8.noarch.rpm
- Bug: No possibility to use secondary subnet in DHCP server configuration

Affected packages:
panda-dhcpd-3.0.10-0.panda8.noarch.rpm
- Bug: DHCP failed to run

Affected packages:
panda-dhcpd-3.0.10-0.panda8.noarch.rpm
- Setup Wizard
 - Task: Add batch option to netwizard

Affected packages:
panda-netwizard-* -3.0.20-1.panda11.noarch.rpm
- Translations
 - Task: Update translations

Affected packages:
panda-hotspot-3.0.161-1.panda13.noarch.rpm
- Virtualization
 - Bug: VMware appliance crashes unexpectedly at random times

Affected packages:
backports-3.14_1-0.panda2_2.6.32.43_57.e54.i586.rpm
e1000e-2.5.4-2.panda6_2.6.32.43_57.e54.i586.rpm
i40e-1.3.46-1.panda5_2.6.32.43_57.e54.i586.rpm
igb-5.0.6-2.panda4_2.6.32.43_57.e54.i586.rpm
ipset-4.5-1.panda3_2.6.32.43_57.e54.i586.rpm
iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e54.i586.rpm
ixgbe-3.18.7-2.panda4_2.6.32.43_57.e54.i586.rpm
kernel-2.6.32.43-57.e54.i586.rpm
kernel-PAE-2.6.32.43-57.e54.i686.rpm
kernel-backports-firmware-3.14_1-0.panda2_2.6.32.43_57.e54_fw1.i586.rpm
kernel-firmware-2.6.32.43-57.e54.i686.rpm



kernel-module-*-3.14_1-0.panda2_2.6.32.43_57.e54.i586.rpm

Changes applied on 2016-02-16 – New hotspot

- Version 5.50
 - Event Notifications
 - Bug: Username/password not ignored if smarthost authentication isn't set

Affected packages:
panda-notifications-3.0.26-0.panda8.noarch.rpm
 - Bug: Raid events not detected

Affected packages:
panda-notifications-3.0.26-0.panda8.noarch.rpm
 - Hotspot
 - New Feature: Reverse proxy for Hotspot portal background homepage

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Task: Update message strings and translations

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Bug: Error accessing account balance

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Improvement: Add new walled garden domains for Apple

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Bug: "Settings did not change" message while they indeed changed

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Improvement: Prevent ticket rates used by Social Login from being deleted

Affected packages:
panda-hotspot-3.0.156-1.panda13.noarch.rpm
 - Bug: Labels that describes hotspot dhcp options are misleading

Affected packages:

panda-hotspot-3.0.156-1.panda13.noarch.rpm

- Bug: Segmentation fault errors on radiusd is reload

Affected packages:

panda-radiusd-3.0.14-0.panda7.noarch.rpm

- Bug: Duplicated message on hotspot GUI to notify setting changes

Affected packages:

panda-hotspot-3.0.156-1.panda13.noarch.rpm

- Bug: Social Login with Facebook doesn't work with iOS 9.2

Affected packages:

panda-hotspot-3.0.156-1.panda13.noarch.rpm

- Bug: Logging in with valid Facebook credentials fails the second time

Affected packages:

panda-hotspot-3.0.156-1.panda13.noarch.rpm

Changes applied on 2016-02-04 - /bin/ip fix

- Version 5.50
 - Branding: Appliance
 - Task: Whitelist new IPs for Systems Management
 - Affected packages:
panda-gatedefender-appliance-*-3.0.36-1.panda34.i586.rpm
 - VPN
 - Bug: Openvpn client (gw2gw) calls unexistent /bin/ip

 - Affected packages:
panda-vpnclient-3.0.28-0.panda19.noarch.rpm

Changes applied on 2016-01-14 – Monit fixes

- Version 5.50
 - Base system
 - Bug: Monit fails with AssertException

Affected packages:
monit-5.2.3-1.panda13.i586.rpm
 - Certificate Management
 - Bug: Private keys from PKCS12 are not imported

Affected packages:
panda-ca-3.0.49-0.panda1.noarch.rpm

Changes applied on 2016-01-20

- Version 5.50
 - Base system
 - Improvement: Check if the Monit locking process is alive

Affected packages:
monit-5.2.3-1.panda12.i586.rpm
 - Dashboard
 - Bug: Cannot perform any action on uplinks from dashboard because of demo mode

Affected packages:
panda-base-3.0.17-1.panda31.noarch.rpm
 - EMI
 - Improvement: Ability to have default values for GUI roles

Affected packages:
panda-guilib-3.0.36-0.panda5.noarch.rpm
emi-3.0.162-0.panda13.noarch.rpm
 - License
 - Improvement: Ability to write a custom support message

Affected packages:
panda-support-3.0.6-0.panda5.noarch.rpm
 - Service: SNMP
 - Task: Include SNMP custom template

Affected packages:
panda-snmp-3.0.2-0.panda6.noarch.rpm
 - Time
 - Improvement: Introduce UTC and GMT timezones

Affected packages:
panda-ntp-3.0.4-0.panda10.noarch.rpm

Changes applied 2015-12-15 - Two-factor authentication

- 5.50 version
 - Appliance: Virtual
 - Task: Missing open-vm-tools kernel module for Virtual Appliances

Affected packages:
open-vm-tools-9.4.0.1280544-
2.panda16_2.6.32.43_57.e53.i586.rpm
 - Authentication layer
 - Task: Add module for generating time-based One Time Passwords

Affected packages:
panda-core-3.0.75-0.panda12.i586.rpm
 - Bug: PKCS12 file password Confirmation field doesn't check if there is a password mismatch for Users, IPsec and OpenVPN

Affected packages:
panda-eal-frontend-3.0.57-0.panda20.noarch.rpm
panda-ipsec-3.0.63-1.panda9.noarch.rpm
panda-vpn-3.0.130-0.panda22.noarch.rpm
 - Task: Check last n OTP tokens

Affected packages:
panda-eal-backend-enterprise-3.0.31-0.panda3.noarch.rpm
panda-core-3.0.75-0.panda12.i586.rpm
 - Epic: Multiple roles on the GUI

Affected packages:
panda-eal-frontend-3.0.60-0.panda20.noarch.rpm
 - Improvement: Show only suitable providers for scopes and "Split Data" provider

Affected packages:
panda-eal-frontend-3.0.60-0.panda20.noarch.rpm
 - Bug: Error creating a gui user from the guiuser page

Affected packages:
panda-eal-backend-3.0.75-0.panda13.noarch.rpm
 - Authentication layer: Enterprise

- Task: Add OTP support to Authentication Layer

Affected packages:
panda-eal-backend-3.0.72-0.panda13.noarch.rpm
panda-eal-backend-enterprise-3.0.31-0.panda3.noarch.rpm
panda-eal-frontend-3.0.57-0.panda20.noarch.rpm
panda-vpn-authentication-enterprise-3.0.18-0.panda3.noarch.rpm
- Bug: LDAP synchronized users via OTP backend have no OTP settings

Affected packages:
panda-eal-frontend-3.0.57-0.panda20.noarch.rpm
- Bug: Certificates are marked as invalid after upgrade to newer panda-eal packages

Affected packages:
panda-eal-backend-3.0.72-0.panda13.noarch.rpm
- Base system
 - Task: Add OpenSSL v 1.0 binary as /usr/bin/openssl1

Affected packages:
openssl1-1.0.1h-0.panda8.i586.rpm
 - Task: Add an option for configuring the users allowed to use SSH

Affected packages:
panda-openssh-3.0.9-0.panda7.noarch.rpm
 - Task: Add perl module for reading YAML files

Affected packages:
perl-YAML-Syck-1.17-1.panda0.i586.rpm
 - Task: Add perl module for match globbing patterns against text

Affected packages:
perl-Text-Glob-0.09-1.panda0.i586.rpm
 - Task: Remove obsolete dial user

Affected packages:
panda-base-3.0.16-1.panda31.noarch.rpm
 - Improvement: Implement a class PersistentDict (persistent dictionary stored on with pickle)

Affected packages:

panda-core-3.0.75-0.panda12.i586.rpm

- Task: Add page blacklist in GUI profiles

Affected packages:
panda-eal-frontend-3.0.60-0.panda20.noarch.rpm
panda-guilib-3.0.35-0.panda5.noarch.rpm
emi-3.0.160-0.panda13.noarch.rpm
- Certificate Management
 - Task: Generate certificates using SHA256 instead of SHA1

Affected packages:
panda-eal-backend-3.0.72-0.panda13.noarch.rpm
 - Bug: Generate SHA1 certificate as default

Affected packages:
panda-eal-backend-3.0.74-0.panda13.noarch.rpm
- EMI
 - Task: Add a javascript library for base32 encoding/decoding

Affected packages:
emi-3.0.159-0.panda13.noarch.rpm
jquery-libs-3.0.29-0.panda4.noarch.rpm
 - Task: Add a javascript library for generating QR codes

Affected packages:
emi-3.0.159-0.panda13.noarch.rpm
jquery-libs-3.0.29-0.panda4.noarch.rpm
 - New Feature: Add a widget for OTP secret
Affected packages:
emi-3.0.159-0.panda13.noarch.rpm
 - Bug: Fix error compiling modules importing kendodata.py

Affected packages:
emi-3.0.159-0.panda13.noarch.rpm
 - Bug: Emi does not start

Affected packages:
emi-enterprise-3.0.16-0.panda2.noarch.rpm
 - Improvement: Show validators tracebacks in log file in debug mode

Affected packages:
emi-3.0.159-0.panda13.noarch.rpm
 - Improvement: Add a short format option to format time function

Affected packages:
panda-core-3.0.75-0.panda12.i586.rpm

- Task: Check user permissions in Perl CGI

Affected packages:
panda-guilib-3.0.34-0.panda5.noarch.rpm

- Task: Introduce icons for various operating systems

Affected packages:
emi-3.0.159-0.panda13.noarch.rpm

- Task: Check user permissions in EMI
Affected packages:
emi-3.0.159-0.panda13.noarch.rpm

- Firewall

- Task: Restructure the firewall jobs

Affected packages:
panda-firewall-3.0.55-25.panda32.noarch.rpm
panda-vpn-3.0.130-0.panda22.noarch.rpm

- Bug: iptables rule isn't created in VPNFW in case from any to any VPN Users

Affected packages:
panda-firewall-3.0.55-25.panda32.noarch.rpm

- Bug: set is updated with the wrong IP in case of rules OpenVPN user based

Affected packages:
panda-vpn-3.0.130-0.panda22.noarch.rpm

- Hotspot

- Bug: Update of panda-httpd breaks hotspot apache group file

Affected packages:
panda-httpd-3.0.22-0.panda10.noarch.rpm

- Task: Update welcome message and Terms of Service

Affected packages:
panda-hotspot-3.0.142-1.panda13.noarch.rpm

- Bug: Invalid syntax on hotspot sql table creation

Affected packages:

panda-hotspot-3.0.142-1.panda13.noarch.rpm

- Task: Multiple roles on the Hotspot GUI

Affected packages:

panda-hotspot-3.0.142-1.panda13.noarch.rpm

- Jobsengine

- Bug: Invalid module name in download job Affected packages:
jobsengine-3.0.52-1.panda5.i586.rpm

- Monitoring, Reporting

- Bug: Reporting of mail events is not working
Affected packages:
panda-smtpscan-3.0.68-0.panda47.noarch.rpm

- Kernel

- New Feature: Add IPset support

Affected packages:

backports-3.14_1-0.panda2_2.6.32.43_57.e53.i586.rpm

e1000e-2.5.4-2.panda6_2.6.32.43_57.e53.i586.rpm

igb-5.0.6-2.panda4_2.6.32.43_57.e53.i586.rpm

ipset-4.5-1.panda2_2.6.32.43_57.e53.i586.rpm

ipset-4.5-1.panda3_2.6.32.43_57.e53.i586.rpm

iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e53.i586.rpm

ixgbe-3.18.7-2.panda4_2.6.32.43_57.e53.i586.rpm

kernel-2.6.32.43-57.e53.i586.rpm

kernel-PAE-2.6.32.43-57.e53.i686.rpm

kernel-backports-firmware-3.14_1-

0.panda2_2.6.32.43_57.e53_fw1.i586.rpm

kernel-firmware-2.6.32.43-57.e53.i586.rpm

kernel-firmware-2.6.32.43-57.e53.i686.rpm

kernel-module-backports-common-3.14_1-

0.panda2_2.6.32.43_57.e53.i586.rpm

kernel-module-backports-common-PAE-3.14_1-

0.panda2_2.6.32.43_57.e53.i586.rpm

kernel-module-backports-wireless-3.14_1-

0.panda2_2.6.32.43_57.e53.i586.rpm

kernel-module-backports-wireless-PAE-3.14_1-

0.panda2_2.6.32.43_57.e53.i586.rpm

kernel-module-e1000e-2.5.4-2.panda6_2.6.32.43_57.e53.i586.rpm

kernel-module-e1000e-PAE-2.5.4-

2.panda6_2.6.32.43_57.e53.i586.rpm

kernel-module-igb-5.0.6-2.panda4_2.6.32.43_57.e53.i586.rpm

kernel-module-igb-PAE-5.0.6-2.panda4_2.6.32.43_57.e53.i586.rpm

kernel-module-ipset-4.5-1.panda3_2.6.32.43_57.e53.i586.rpm

kernel-module-iptables-ndpi-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e53.i586.rpm

kernel-module-iptables-ndpi-PAE-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e53.i586.rpm

kernel-module-ixgbe-3.18.7-2.panda4_2.6.32.43_57.e53.i586.rpm
kernel-module-ixgbe-PAE-3.18.7-
2.panda4_2.6.32.43_57.e53.i586.rpm
kernel-module-lcm-0.3-9.panda6_2.6.32.43_57.e53.i586.rpm
kernel-module-lcm-PAE-0.3-9.panda6_2.6.32.43_57.e53.i586.rpm
kernel-module-megaraid-sas-06.806.08.00-
0.panda1_2.6.32.43_57.e53.i586.rpm
kernel-module-megaraid-sas-PAE-06.806.08.00-
0.panda1_2.6.32.43_57.e53.i586.rpm
kernel-module-vmware-drivers-5.5.0u1-
0.panda1_2.6.32.43_57.e53.i586.rpm
kernel-module-vmware-drivers-PAE-5.5.0u1-
0.panda1_2.6.32.43_57.e53.i586.rpm
lcm-0.3-9.panda6_2.6.32.43_57.e53.i586.rpm
megaraid-sas-06.806.08.00-0.panda1_2.6.32.43_57.e53.i586.rpm
open-vm-tools-9.4.0.1280544-
2.panda15_2.6.32.43_57.e53.i586.rpm

- Bug: PAE-based machines get kernel modules uninstalled when ipset is set to be installed

Affected packages:

ipset-4.5-1.panda2_2.6.32.43_57.e53.i586.rpm
ipset-4.5-1.panda3_2.6.32.43_57.e53.i586.rpm
kernel-module-ipset-4.5-1.panda3_2.6.32.43_57.e53.i586.rpm
kernel-module-ipset-PAE-4.5-1.panda3_2.6.32.43_57.e53.i586.rpm

- Proxy: HTTP

- Bug: wpad.dat will return empty IP value if green IP is 192.168.0.15

Affected packages:

panda-proxy-3.0.63-2.panda17.noarch.rpm

- Bug: Chrome bypasses proxy.pac settings for blocked HTTPS requests

Affected packages:

panda-proxy-3.0.63-2.panda17.noarch.rpm

- Bug: NTLM authentication popup keeps showing up

Affected packages:

panda-proxy-3.0.63-2.panda17.noarch.rpm

- Bug: UTM isn't able to join if NETBIOS name differs from domain name

Affected packages:

panda-proxy-3.0.63-2.panda17.noarch.rpm

- Proxy: SMTP

- Bug: BAD HEADER mails are quarantined AND passed on eos-3.10
Affected packages:
panda-smtpscan-3.0.68-0.panda47.noarch.rpm
- Provisioning
 - Task: Update git to 1.9.5
Affected packages:
git-1.9.5-2.i586.rpm
 - Task: Setup provisioning user
Affected packages:
panda-provisioning-3.0.27-1.panda13.noarch.rpm
 - Bug: Missing Default-Gateway IP in the provisioning-dump
Affected packages:
panda-provisioning-3.0.27-1.panda13.noarch.rpm
- Service: High Availability
 - Bug: SNAT rule for HA in gateway mode is always enabled
Affected packages:
panda-ha-3.0.21-0.panda15.i586.rpm
- Time
 - Bug: Update tzdata package
Affected packages:
tzdata-2015g-2.panda2.noarch.rpm
- VPN
 - Improvement: Don't show LDAP bind DN password in clear text
Affected packages:
panda-eal-frontend-3.0.57-0.panda20.noarch.rpm
 - Bug: PKCS12 file password Confirmation field doesn't check if there is a password mismatch for Certificates
Affected packages:
panda-ca-3.0.48-0.panda1.noarch.rpm
 - Bug: Any TOTP code is accepted when the user does not have TOTP enabled
Affected packages:

panda-eal-backend-enterprise-3.0.31-0.panda3.noarch.rpm

- Task: Add "Authenticate using external authentication server" options for VPN users

Affected packages:

panda-eal-backend-3.0.72-0.panda13.noarch.rpm

- Bug: Missing API function to Download CRL

Affected packages:

panda-ca-3.0.48-0.panda1.noarch.rpm

- Improvement: Error uploading CRL certificate through API

Affected packages:

panda-ca-3.0.48-0.panda1.noarch.rpm

- Bug: Traffic can't get through tunnel OpenVPN when server's using TUN and client has a network behind

Affected packages:

panda-vpn-3.0.130-0.panda22.noarch.rpm

- Bug: OpenVPN will not recognise certificates having SHA256 signature algorithms

Affected packages:

panda-ca-3.0.48-0.panda1.noarch.rpm

panda-eal-backend-3.0.72-0.panda13.noarch.rpm

- Bug: Triggers are not executed by 'openvpn-user fakeconnect' and 'openvpn-user fakedisconnect' commands

Affected packages:

panda-vpn-3.0.130-0.panda22.noarch.rpm

- Bug: Wrong path for /etc/ssl/openssl.cnf for openssl1 binary on ARM

Affected packages:

openssl1-1.0.1h-0.panda8.i586.rpm

- Bug: Traffic can't get through tunnel OpenVPN in case of TUN and network behind configuration

Affected packages:

panda-vpn-3.0.133-0.panda22.noarch.rpm

- Bug: Restart VPN firewall after editing a VPN user

Affected packages:

panda-eal-frontend-3.0.60-0.panda20.noarch.rpm

- Bug: OpenVPN daemon don't start with SHA256 certificates

Affected packages:

panda-vpn-3.0.133-0.panda22.noarch.rpm

- Bug: L2TP interface not substituted in VPNFW rules

Affected packages:

panda-firewall-3.0.56-25.panda32.noarch.rpm

- Bug: OpenVPN Server packets loss when another client connects to the VPN on eos-3.10

Affected packages:

panda-vpn-3.0.134-0.panda22.noarch.rpm

Changes applied 2015-10-15 - Monit & Hotspot fixes

- 5.50 version
 - Base system
 - Improvement: Introduce a timeout for the locked state of Monit

Affected packages:

panda-monit-3.0.9-0.panda6.noarch.rpm
monit-5.2.3-1.panda10.i586.rpm
 - Hotspot
 - Bug: Codes generated by Ticket Generator cannot be used registering a user via email

Affected packages:

panda-hotspot-3.0.137-1.panda13.noarch.rpm
 - Bug: Hotspot does not work because database could not be migrated to 3.0.14

Affected packages:

panda-hotspot-3.0.137-1.panda13.noarch.rpm
 - Bug: Unable to use paid tickets when Self-Service user registration is set to disabled.

Affected packages:

panda-hotspot-3.0.137-1.panda13.noarch.rpm
 - Improvement: static.xx.fbcdn.net needs to be whitelisted as uamdomain for Facebook

Affected packages:

panda-hotspot-3.0.137-1.panda13.noarch.rpm
 - Bug: Mini browser is shown on Android 6 with Social Login (google and facebook)

Affected packages:

panda-hotspot-3.0.137-1.panda13.noarch.rpm

Changes applied 2015-10-01

- 5.50 version
 - Jobsengine
 - Bug: Logging system interferes with file reads on jobs

Affected packages:
jobsengine-3.0.50-1.panda5.i586.rpm
 - Monitoring, Reporting
 - Bug: Monit in some circumstances remain in a locked state where it is not possible to start a certain process anymore

Affected packages:
jobsengine-3.0.50-1.panda5.i586.rpm
 - Update procedure
 - Bug: Migration from 2.5 to 3.0 sometimes fails because ntp version is older in 3.0

Affected packages:
ntp-4.2.8-3.panda4.i586.rpm
ntpdate-4.2.8-3.panda4.i586.rpm

Changes applied 2015-09-17

- 5.50 version

Base system

- Task: introduce OAuth 2.0 Python library
Affected packages:
python-oauth2client-1.4.9-0.panda2.noarch.rpm
- Bug: httpd fails to start due to semaphore leak
Affected packages:
apache-2.4.9-0.panda17.i586.rpm

Branding: Appliance

- Task: Introduce Social Login settings for Panda
Affected packages:
panda-gatedefender-appliance-*
-3.0.35-1.panda34.i586.rpm

Hotspot

- Task: Integrate bandwidth tickets
Affected packages:
panda-radiusd-3.0.13-0.panda7.noarch.rpm
- Bug: postgresql sometimes doesn't write its pid to monit
expected file
Affected packages:
postgresql-8.1.5-1PGDG.panda44.i586.rpm
postgresql-libs-8.1.5-1PGDG.panda44.i586.rpm
postgresql-server-8.1.5-1PGDG.panda44.i586.rpm
- Task: Compile CoovaChilli with larger limits for uamdomains
settings
Affected packages:
coova-chilli-1.2.6-4.panda21.i586.rpm
- Task: Reintroduce build dependency on libreadline for Postgres
Affected packages:
postgresql-8.1.5-1PGDG.panda44.i586.rpm
postgresql-libs-8.1.5-1PGDG.panda44.i586.rpm
postgresql-server-8.1.5-1PGDG.panda44.i586.rpm
readline-4.3-13.panda2.i586.rpm
- Improvement: Made sure that credentials are always exchanged
over HTTPs
Affected packages:
panda-hotspot-3.0.133-1.panda13.noarch.rpm

- Bug: Ticket bandwidth ignored for post-paid tickets
Affected packages:
panda-hotspot-3.0.133-1.panda13.noarch.rpm

Jobsengine

- Bug: Logging system interferes with file reads on jobs
Affected packages:
jobsengine-3.0.49-1.panda5.i586.rpm

Proxy: DNS

- Bug: File descriptors not closed after use
Affected packages:
panda-dnsmasq-3.0.16-0.panda21.noarch.rpm

Changes applied 2015-09-03

- 5.50 version
 - Antispam: Commtouch
 - Bug: SpamAssassin should be restarted after commtouch changesAffected packages:
panda-commtouch-mailsecurity-3.0.12-1.panda8.noarch.rpm

 - EMI
 - Bug: Emicommand empty parameters are not correctly parsedAffected packages:
panda-core-3.0.70-0.panda12.i586.rpm

 - Panda Network
 - Bug: System users information are not sent to ENAffected packages:
panda-client-3.0.11-1.panda28.i586.rpm

 - Event Notifications
 - [CORE-1154] Bug: Syslog and Notifications raise no attribute 'settings_global' tracebacksAffected packages:
panda-notifications-3.0.24-0.panda8.noarch.rpm
panda-syslog-3.0.35-1.panda12.noarch.rpm

 - Firewall
 - Bug: Bridge mode make services/ports to be accessible from outsideAffected packages:
panda-firewall-3.0.51-25.panda31.noarch.rpm
panda-core-3.0.70-0.panda12.i586.rpm

 - Monitoring, Reporting
 - Bug: Event Notification send a lot of SSH email or sms notification with the HA enabledAffected packages:
panda-notifications-3.0.24-0.panda8.noarch.rpm
panda-syslog-3.0.35-1.panda12.noarch.rpm

- Network configuration
 - Improvement: Detection for chosen Allow access to ports 22, 80 and 10443 netwizard utility option
Affected packages:
panda-netwizard-*-3.0.18-1.panda11.noarch.rpm
 - Improvement: Green devices must be mandatory in command line netwizard
Affected packages:
panda-netwizard-*-3.0.18-1.panda11.noarch.rpm
 - Improvement: Support space and comma as separators for multiple values in command line netwizard
Affected packages:
panda-netwizard-*-3.0.18-1.panda11.noarch.rpm

- Notifications: Custom scripts
 - Bug: Error removing a custom script
Affected packages:
panda-customscripts-3.0.4-1.panda1.noarch.rpm
panda-notifications-3.0.24-0.panda8.noarch.rpm

- Proxy: HTTP
 - Bug: Content filter is not working for HTTPs requests in not transparent without SSL bump
Affected packages:
panda-proxy-3.0.61-2.panda17.noarch.rpm

 - Bug: HTTP Proxy TPROXY "Requires Packet MARK (Linux)" regression
Affected packages:
squid-3.4.13-7.panda39.i586.rpm

 - Bug: proxy.pac is not applied correctly if in acl a subnet is specified
Affected packages:
panda-proxy-3.0.61-2.panda17.noarch.rpm

- Proxy: HTTPS
 - Bug: Squid high cpu and memory leak connecting with openssl on port 18081
Affected packages:
panda-proxy-3.0.61-2.panda17.noarch.rpm

 - Bug: HTTPS Proxy breaks Windows Updates
Affected packages:
panda-proxy-3.0.61-2.panda17.noarch.rpm

- Service: High Availability
 - Bug: Default SNAT rule not created if uplink is configured in network 192.168.177.0/24Affected packages:
panda-firewall-3.0.51-25.panda31.noarch.rpm
 - Bug: panda-ha not stoppedAffected packages:
panda-ha-3.0.20-0.panda15.i586.rpm

- Yocto
 - Bug: SMS Notifications spec file package wrong path inclusionAffected packages:
panda-smsnotifications-3.0.6-1.panda3.noarch.rpm

Changes applied 2015-08-06

- 5.50 version
 - Appliance: jobengine
 - Bug: Options are ignored if a called action has dependencies
Affected packages:
jobsengine-3.0.48-1.panda5.i586.rpm
 - Task: Write jobsengine logs directly to /dev/log
Affected packages:
jobsengine-3.0.48-1.panda5.i586.rpm

Changes applied 2015-08-03

- **5.50 version**
 - Appliance: Hardware
 - Task: Unlock the Hotspot master option on Hotspot appliance
Affected packages:
panda-appliance-*-3.0.47-11.panda100.i586.rpm
 - Backup
 - Improvement: Allow configuration of maximum email size sent for backups
Affected packages:
panda-backup-3.0.20-1.panda11.i586.rpm
 - Base system
 - Task: Contextual help broken in the proxy module
Affected packages:
panda-commtouch-webfilter-3.0.29-1.panda19.noarch.rpm
panda-guilib-3.0.29-0.panda5.noarch.rpm
 - Improvement: Italian translations
Affected packages:
panda-locales-*-3.0.16-0.panda8.i586.rpm
 - Branding: Network
 - Task: Allow access to Panda Cloud Systems Management IPs
Affected packages:
panda-gatedefender-appliance-*-3.0.34-1.panda34.i586.rpm
 - Network
 - Bug: Traceback in en-liveclient on tunnel establishment
Affected packages:
panda-client-3.0.10-1.panda28.i586.rpm
- **5.00 version**
 - Branding: Network
 - Task: Allow access to Panda Cloud Systems Management IPs
Affected packages:
panda-gatedefender-appliance-*-2.10.52-1.panda23.i586.rpm

Changes applied 2015-07-23 - Improved nDPI

- 5.50 version

- Application Firewall

- nDPI: SSL wrong match if packets are reordered

Affected packages:

iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-PAE-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

- nDPI rules not created due to library error on ARM systems

Affected packages:

iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-PAE-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

- Improvement: Improve Skype detection to block all not only voice/video

Affected packages:

iptables-ndpi-1.6.1-f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

kernel-module-iptables-ndpi-PAE-1.6.1-

f2b0c9c.panda16_2.6.32.43_57.e51.i586.rpm

Changes applied 2015-07-16 - New Hotspot certificate

- **5.50 version**
 - Branding: Appliance
 - Update Hotspot certificate

Affected packages:
panda-gatedefender-appliance-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-e250-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-e500-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-integra-esb-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-integra-esoho-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-performa-e9100-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-performa-e9100lite-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-performa-e9500-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-performa-e9500lite-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-performa-esb-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-software-eseries-3.0.33-1.panda34.i586.rpm
panda-gatedefender-appliance-virtual-eseries-3.0.33-1.panda34.i586.rpm
- **5.00 version**
 - Branding: Appliance
 - Update Hotspot certificate

Affected packages:
panda-gatedefender-appliance-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-integra-esb-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-integra-esoho-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-performa-e9100-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-performa-e9100lite-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-performa-e9500-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-performa-e9500lite-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-performa-esb-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-software-eseries-2.10.51-1.panda23.i586.rpm
panda-gatedefender-appliance-virtual-eseries-2.10.51-1.panda23.i586.rpm

Changes applied on 2015-07-09

- 5.50 Version
 - Appliance: Hardware
 - Improvement: Warn user that provisioning has been done
 - Affected packages:
panda-provisioning-3.0.25-1.panda13.noarch.rpm
 - Proxy: HTTP
 - Issue: chpasswd.cgi displays an error at password change
 - Affected packages:
panda-proxy-3.0.59-2.panda17.noarch.rpm
 - Issue: Local proxy user password change page is vulnerable to OS command injection (CVE-2015-5082)
 - Affected packages:
panda-proxy-3.0.59-2.panda17.noarch.rpm
- 5.00 Version
 - Proxy: HTTP
 - Issue: chpasswd.cgi displays an error at password change
 - Affected packages:
panda-proxy-2.10.76-2.panda15.noarch.rpm
 - Issue: Local proxy user password change page is vulnerable to OS command injection (CVE-2015-5082)
- Affected packages:
panda-proxy-2.10.76-2.panda15.noarch.rpm

Changes applied 2015-07-02

- 5.50 Version
 - Authentication layer: Enterprise
 - New Feature: Social provider for eal

Affected packages:
panda-eal-backend-enterprise-3.0.29-0.panda2.noarch.rpm
 - Branding: Appliance
 - Task: Introduce link for Panda API

Affected packages:
panda-gatedefender-appliance-*-3.0.32-1.panda34.i586.rpm
 - Task: Update Hotspot and VPN Portal logo

Affected packages:
panda-gatedefender-artwork-3.0.25-0.panda1.noarch.rpm
 - Configuration
 - Task: Migrate SSH access GUI to EMI

Affected packages:
panda-guilib-3.0.28-0.panda5.noarch.rpm
panda-openssh-3.0.8-0.panda6.noarch.rpm
 - Proxy: SMTP
 - Improvement: SMTP Proxy support for blocking attachment extensions inside archives

Affected packages:
panda-smtpscan-3.0.66-0.panda47.noarch.rpm
 - Improvement: Amavisd add more double extension to the template

Affected packages:
panda-guilib-3.0.28-0.panda5.noarch.rpm
panda-smtpscan-3.0.66-0.panda47.noarch.rpm
 - Bug: Wrong variable in the SMTP proxy blacklist sender field inverts choices for RBL

Affected packages:
panda-guilib-3.0.28-0.panda5.noarch.rpm
panda-smtpscan-3.0.66-0.panda47.noarch.rpm
 - VPN
 - Bug: Limiting a provider to all the groups available will remove groups

Affected packages:
panda-eal-backend-enterprise-3.0.29-0.panda2.noarch.rpm
 - Bug: The OpenVPN Option for a group are not pushed/synched to the respective VPN users



Affected packages:

panda-eal-backend-3.0.65-0.panda11.noarch.rpm

panda-eal-backend-enterprise-3.0.29-0.panda2.noarch.rpm

panda-eal-frontend-3.0.51-0.panda20.noarch.rpm

Changes applied on 2015-06-16

- 5.50 version:
 - OpenVPN
 - Solved certain configuration issues detected in the OpenVPN server.
Affected packages:
panda-vpn-3.0.122-0.panda22.noarch.rpm
panda-vpn-3.0.123-0.panda22.noarch.rpm
 - Solved an issue affecting the network interfaces.
Affected packages:
panda-network-3.0.36-0.panda34.noarch.rpm
panda-network-status-3.0.36-0.panda34.noarch.rpm

Changes applied on 2015-06-11

- **5.50 version:**
- **Base system**
 - Improvements:
 - Implement a class ReadOnlyPersistentDict (read only version of PersistentDict)
panda-core-3.0.68-0.panda12.i586.rpm
 - Introduce lshw
lshw-2.17-0.panda0.i586.rpm
lshw-data-2.17-0.panda0.i586.rpm
 - Bug corrected:
 - /var/lib/usb_modeswitch is not available when usb_modeswitch gets called at boot
jobsengine-3.0.42-1.panda5.i586.rpm
- **Documentation**
 - Bug corrected: VPN Portal help is redirected to a non-existent URL
panda-reverse-proxy-3.0.22-0.panda1.noarch.rpm
- **EMI**
 - Bugs corrected:
 - After a validation error some checkbox values are inverted
EMI shows the passwords in clear-text during a traceback
Search filter not working before page reloading
emi-3.0.153-0.panda12.noarch.rpm
 - Emicommand empty parameters are not correctly parsed
panda-core-3.0.68-0.panda12.i586.rpm
 - OpenVPN server certificate not generated on the service's first start
jobsengine-3.0.42-1.panda5.i586.rpm
- **Hotspot**
 - Bugs corrected:
 - SmartLogin per user option cannot be enabled
PostgreSQL high CPU usage
panda-hotspot-3.0.107-1.panda11.noarch.rpm
- **Jobsengine**
 - Improvement: JobsEngine status duplicated
jobsengine-3.0.42-1.panda5.i586.rpm
 - Bug corrected: Solved an issue by which bridges job were marked as stopped
panda-network-3.0.35-0.panda34.noarch.rpm
panda-network-status-3.0.35-0.panda34.noarch.rpm
- **Logging & Monitoring**
 - Bug corrected: syslog-ng runs in multiple instances
panda-monit-3.0.9-0.panda5.noarch.rpm
panda-syslog-3.0.30-1.panda12.noarch.rpm
- **Monitoring, Reporting**
 - Improvement: Redirect apache logs related to reverse proxy to a dedicated file
panda-reverse-proxy-3.0.22-0.panda1.noarch.rpm
- **VPN**
 - Bugs corrected:
 - Traffic can't get through OpenVPN server if configured with TUN
panda-vpn-3.0.121-0.panda22.noarch.rpm

- Multiple users can connect on different OpenVPN servers
panda-vpn-3.0.121-0.panda22.noarch.rpm
openvpn-auth-3.0.14-1.panda7.noarch.rpm
- xml2enc causes ActiveSync not to sync mobile devices
panda-reverse-proxy-3.0.22-0.panda1.noarch.rpm
- OpenVPN Gw2Gw can result in the same TAP interface being used
panda-vpnclient-3.0.27-0.panda19.noarch.rpm
- Job method openvpnjob.client_connect in some situation does not create correct configuration
Firewall rules not updated when an OpenVPN server is added or removed
Passwords are shown in cleartext in JobsEngine requests log
panda-vpn-3.0.121-0.panda22.noarch.rpm
- OpenVPN does not start anymore when TAP device remains configured due to crash or kill
openvpn-2.3.6-16.panda5.i586.rpm
- Improvements:
 - Add a method for getting remote port from OpenVPN Status
openvpn-auth-3.0.14-1.panda7.noarch.rpm
 - Add tls-cipher option to OpenVPN server configuration
panda-vpn-3.0.121-0.panda22.noarch.rpm
openvpn-2.3.6-16.panda5.i586.rpm

Changes applied on 2015-05-18

- **5.50 version:**
- Bugs corrected:
- Backup:
Migration script traceback
panda-backup-3.0.17-1.panda11.i586.rpm
- Base system
Not enough space on /var/panda partition to store big hotspot databases
panda-backup-3.0.17-1.panda11.i586.rpm
postgresql-8.1.5-1PGDG.panda42.i586.rpm
postgresql-libs-8.1.5-1PGDG.panda42.i586.rpm
postgresql-server-8.1.5-1PGDG.panda42.i586.rpm
- EMI
Discarding legend in VPN > Certificates
panda-ca-3.0.45-0.panda1.noarch.rpm
- Proxy: HTTP

Squid filedescriptors is not set correctly if fs-max is greater than ulimit
squid-3.4.13-7.panda37.i586.rpm

Squid on 3.0.5 crash when an upstream proxy is used
squid-3.4.13-7.panda37.i586.rpm

- Proxy: HTTPS
Squid SSL db index file gets corrupted
squid-3.4.13-7.panda37.i586.rpm
- VPN
IPsec daemon unable to install policies (SPD) in kernel an ARM
IPsec/L2TP not working over PPPoE link
strongswan-ikev1-5.1.1-1.panda3.i586.rpm
strongswan-ikev2-5.1.1-1.panda3.i586.rpm
strongswan-ipsec-5.1.1-1.panda3.i586.rpm
strongswan-libs0-5.1.1-1.panda3.i586.rpm

Unable to establish multiple net-to-net connection with IPsec
panda-ipsec-3.0.62-1.panda9.noarch.rpm

Revert changes introduced with UTM-1019
panda-ipsec-3.0.62-1.panda9.noarch.rpm

- **5.00 version:**
- Bugs corrected:
- VPN

Folder permissions for provisioned gw2gw tunnel are not migrated to nobody:
panda-provisioning-2.10.40-1.panda13.noarch.rpm

Changes applied on 2015-04-29 - NEW VERSION 5.50.50 AVAILABLE!

Note: The following new features, improvements and corrections will only be available for appliances running 5.50 version. Thus, if your Gatedefender is running a version lower than 5.50, we advice you to upgrade the software from the Panda Perimetral Console, as soon as possible, in order to apply and start enjoying the new characteristics. Read [how to upgrade from 5.00.10 to 5.50 versión \(PDF\)](#).

- **5.50 version:**
 - Base system
 - Improvements:
 - Allow Zone Status Widget to be used for multiple configuration options
panda-guilib-3.0.25-0.panda4.noarch.rpm
 - Italian translations
panda-panda-client-3.0.28-0.panda35.noarch.rpm
panda-httpd-3.0.16-0.panda10.noarch.rpm
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
panda-monit-3.0.8-0.panda5.noarch.rpm
panda-netwizard--3.0.17-1.panda11.noarch.rpm*
 - OpenSSL security fixes added
openssl-0.9.7a-44.03.panda5.i586.rpm
openssl1-1.0.1h-0.panda5.i586.rpm
 - EMI
 - Improvements:
 - Kendo Grid multi and all item actions support
emi-3.0.150-0.panda12.noarch.rpm
 - Add command 'status.emi.commands' returning all the emi command
emi-3.0.150-0.panda12.noarch.rpm
 - Corrections:
 - HolisticLock does not delete the lock file
filesystem-2.3-13.panda31.i586.rpm
 - Traceback from emi core while loading schema
emi-3.0.150-0.panda12.noarch.rpm
 - New settings are not enabled by default
emi-3.0.150-0.panda12.noarch.rpm
 - UnicodeDecodeError traceback when browsing Events if language is other than English
panda-backup-3.0.15-1.panda11.i586.rpm
panda-commtouch-webfilter-3.0.28-1.panda19.noarch.rpm
panda-dnsmasq-3.0.14-0.panda21.noarch.rpm
panda-panda-client-3.0.28-0.panda35.noarch.rpm
panda-guilib-3.0.25-0.panda4.noarch.rpm
panda-httpd-3.0.16-0.panda10.noarch.rpm
panda-icap-3.0.10-0.panda8.noarch.rpm
panda-locales--3.0.15-0.panda8.i586.rpm*
 - Event Notifications
 - Corrections:

- Notifications logrotate configuration template is not applied
panda-notifications-3.0.20-0.panda8.noarch.rpm
 - SIG10 missing after enabling or disabling event checkboxes
panda-notifications-3.0.20-0.panda8.noarch.rpm
- Firewall
 - Improvement: Introduce TPROXY functionalities to support Policy Routing rules for proxied traffic
panda-network-3.0.34-0.panda34.noarch.rpm
panda-network-status-3.0.34-0.panda34.noarch.rpm
panda-proxy-3.0.53-2.panda17.noarch.rpm
- Monitoring, Reporting
 - Corrections: Event reporting GUI does not display events graphs
emi-3.0.150-0.panda12.noarch.rpm
- Network configuration
 - Corrections:
 - Uplink is not correctly configured in Bridge mode
panda-netwizard--3.0.17-1.panda11.noarch.rpm*
 - Command line netwizard does not apply changes
panda-netwizard--3.0.17-1.panda11.noarch.rpm*
 - Improvement: Command line netwizard does not include Bridged mode option
panda-netwizard--3.0.17-1.panda11.noarch.rpm*
- Proxy: HTTP
 - Improvements:
 - Preserve mark bits to make policy routing work
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - Preserve source IP on non-transparent mode
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - GUI for TProxy settings
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - Updates HTTP Proxy User-Agent list
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - Corrections:
 - Proxy allows access to services on localhost
panda-network-3.0.34-0.panda34.noarch.rpm
panda-network-status-3.0.34-0.panda34.noarch.rpm
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - Squid child crashes and TCP sockets are not created
squid-3.4.12-7.panda35.i586.rpm
- Proxy: HTTPS
 - Corrections: Upstream HTTP Proxy doesn't forward HTTPS traffic
panda-proxy-3.0.53-2.panda17.noarch.rpm
 - Improvement: Insufficient HTTPS browser certificate lifespan
panda-proxy-3.0.53-2.panda17.noarch.rpm
- Service: Intrusion Prevention
 - Improvement: Analysis of Snort performances
panda-snort-3.0.18-1.panda21.noarch.rpm
- Service: Mail Quarantine

- **New Features:**
 - Mail Quarantine summary: backend
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Mail Quarantine summary: digest settings
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Mail Quarantine page loading improvements
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
emi-3.0.150-0.panda12.noarch.rpm
- Improvements:
 - Mail quarantine: add support to delete all mails based on the current filter
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
- Corrections:
 - Released mail are not deleted from quarantine
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Mail quarantine: move cache refresh job to hourly
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Mail quarantine: Add a regex validator to some gui parameters
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Use server-side pagination and search for Mail Quarantine grid
emi-3.0.150-0.panda12.noarch.rpm
 - Duplicated emails in quarantine summary
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Mail Quarantine restartscripts are not packaged
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Grid calls twice JSON each call being time expensive
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Missing jobsengine restart in order to load mailquarantine restartscript
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Trying summary digest by calling daily mailquarantine cron job raises traceback
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Fix mailquarantine templates for panda appliances
panda-gatedefender-templates-3.0.6-0.panda0.i586.rpm
 - E-mail is not released when action is taken from action dropdown menu
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
 - Traceback raised in Mail Quarantine restartscript for Summary Digest
panda-mail-quarantine-3.0.19-0.panda2.noarch.rpm
- Translations: Russian templates updated
panda-backup-3.0.15-1.panda11.i586.rpm
panda-commtouch-webfilter-3.0.28-1.panda19.noarch.rpm
panda-dnsmasq-3.0.14-0.panda21.noarch.rpm
panda-panda-client-3.0.28-0.panda35.noarch.rpm
panda-guilib-3.0.25-0.panda4.noarch.rpm
panda-httpd-3.0.16-0.panda10.noarch.rpm
panda-icap-3.0.10-0.panda8.noarch.rpm
panda-locales--3.0.15-0.panda8.i586.rpm*
- **5.00 version**
 - Corrections:

- Base system: OpenSSL security fixes
openssl-0.9.7a-44.03.panda5.i586.rpm
- Proxy: HTTP: Proxy allows access to services on localhost
panda-network-2.10.18-0.panda34.noarch.rpm
panda-network-status-2.10.18-0.panda34.noarch.rpm
panda-proxy-2.10.72-2.panda15.noarch.rpm

Changes applied on 2015-04-09

- 5.50 version:
 - **Corrections applied:**
 - Panda AV GUI doesn't write correctly in configuration files
panda-panda-3.0.29-0.panda10.noarch.rpm
 - Antivirus whitelist/blacklist does not work
panda-panda-3.0.29-0.panda10.noarch.rpm
 - smtpscan restart script does not call c-icap service resulting in pandascan failure
panda-panda-3.0.29-0.panda10.noarch.rpm
 - Panda cron is started when Panda is stopped
panda-panda-3.0.29-0.panda10.noarch.rpm
 - Email notifications tagged as 'Bad Header' warnings by amavis
panda-core-3.0.63-0.panda11.i586.rpm
 - Continue on parsing error in /var/run/jobseengine.status
jobseengine-3.0.39-1.panda5.i586.rpm
 - jobseengine restart deadlock state with defunct child and no socket file
jobseengine-3.0.39-1.panda5.i586.rpm
 - File descriptors are left open on jobs execution
jobseengine-3.0.39-1.panda5.i586.rpm
 - Monit reload ends up having all elements unmonitored
monit-5.2.3-1.panda9.i586.rpm
 - OpenVPN Denial of Service (CVE-2014-8104)
openvpn-2.3.0-16.panda1.i586.rpm
 - OpenVPN incomplete version number
openvpn-2.3.0-16.panda1.i586.rpm
 - OpenVPN server unmonitored when openvpn package is updated
monit-5.2.3-1.panda9.i586.rpm
 - OpenVPN client crash prevents reconnection
panda-vpnclient-3.0.24-0.panda19.noarch.rpm
openvpn-2.3.0-16.panda1.i586.rpm
 - **Improvements**
 - Stop updating Panda signatures when license has expired
panda-panda-3.0.29-0.panda10.noarch.rpm
 - SpamAssassin should stop using CYREN when license has expired
panda-commtouch-mailsecurity-3.0.11-1.panda8.noarch.rpm

Make PersistenDict locking working with both threads and processes
panda-core-3.0.63-0.panda11.i586.rpm

Stop updating Snort signatures on license expiration
panda-snort-3.0.17-1.panda21.noarch.rpm

Stop updating Anti-spyware list when license has expired
panda-dnsmasq-3.0.13-0.panda21.noarch.rpm

Stop updating URLFilter signatures when license has expired
panda-urlfilter-3.0.39-1.panda10.noarch.rpm
jobengine-3.0.39-1.panda5.i586.rpm

Add LICENSE_GRACE_PERIOD parameter in en.settings
panda-gatedefender-appliance-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-e250-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-e500-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-integra-esb-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-integra-esoho-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-performa-e9100-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-performa-e9100lite-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-performa-e9500-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-performa-e9500lite-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-performa-esb-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-software-eseries-3.0.32-1.panda32.i586.rpm
panda-gatedefender-appliance-virtual-eseries-3.0.32-1.panda32.i586.rpm

▪ 5.00 version

- **Improvements**

- Add support for arbitrary parameters in emi commands
panda-core-2.10.29-0.panda11.i586.rpm

- **Corrections applied**

- Monit reload ends up having all elements unmonitored
monit-5.2.3-1.panda4.i586.rpm
- OpenVPN Denial of Service (CVE-2014-8104)
openvpn-2.3.0-16.panda1.i586.rpm
- No monit action triggered when changing state of a Gateway-to-Gateway connection
panda-vpnclient-2.10.14-0.panda17.noarch.rpm
- OpenVPN incomplete version number
openvpn-2.3.0-16.panda1.i586.rpm
- OpenVPN server unmonitored when openvpn package is updated
panda-vpn-2.10.27-0.panda16.noarch.rpm
monit-5.2.3-1.panda4.i586.rpm
- OpenVPN client crash prevents reconnection
panda-vpnclient-2.10.14-0.panda17.noarch.rpm
panda-core-2.10.29-0.panda11.i586.rpm
openvpn-2.3.0-16.panda1.i586.rpm

Changes applied on 2015-03-23

- 5.50 version:
 - **Corrections applied:**

Source NAT rules are not pushed to gateways if OpenVPN server address is a FQDN
panda-provisioning-3.0.23-1.panda13.noarch.rpm

Available permission column disappears if something is added as "manager of"
jquery-libs-3.0.28-0.panda4.noarch.rpm

Email notifications tagged as 'Bad Header' warnings by amavis
panda-core-3.0.62-0.panda11.i586.rpm

Graphic corruption in switchboard user list
jquery-libs-3.0.28-0.panda4.noarch.rpm

Folder permissions for provisioned gw2gw tunnel are not migrated
panda-provisioning-3.0.23-1.panda13.noarch.rpm

OpenVPN doesn't remove the routing rules
panda-vpn-3.0.111-0.panda21.noarch.rpm

Multicore DNAT rule fails functionality when client tries to connect
panda-vpn-3.0.111-0.panda21.noarch.rpm

OpenVPN server unmonitored when openvpn package is updated
panda-vpn-3.0.111-0.panda21.noarch.rpm

Unable to connect to OpenVPN instance with more than one processor
panda-vpn-3.0.111-0.panda21.noarch.rpm

OpenVPN job traceback with delayed_triggers
panda-vpn-3.0.111-0.panda21.noarch.rpm

openvpntools traceback while getting status with the delayed_triggers
openvpn-auth-3.0.12-1.panda7.noarch.rpm

Invalid chars in client-[dis]connect-immediate.d scripts
panda-vpn-3.0.111-0.panda21.noarch.rpm
 - **Improvements:**

Improved condition for pushing DNAT rules
panda-provisioning-3.0.23-1.panda13.noarch.rpm

Created a script for dumping the OpenVPN user config
panda-vpn-3.0.111-0.panda21.noarch.rpm

Added a method for getting the parsed status information from OpenVPN servers
openvpn-auth-3.0.12-1.panda7.noarch.rpm

Changes applied on 2015-03-12

- 5.50 version:
 - Base system:
 - Bug: CVE-2015-0235 - glibc gethostbyname buffer overflow - GHOST

Affected packages:
glibc-2.3.4-2.41.panda11.i386.rpm
glibc-common-2.3.4-2.41.panda11.i386.rpm
 - Bug: httpd fails to start due to semaphore leak

Affected packages:
apache-2.4.9-0.panda16.i586.rpm
 - ICAP
 - Bug: c-icap-client blocks on 0 bytes files

Affected packages:
c-icap-0.2.5-0.panda22.i586.rpm
 - Bug: Improve release of semaphores for c-icap

Affected packages:
c-icap-0.2.5-0.panda22.i586.rpm
 - Proxy: HTTPS
 - Bug: Update CA bundle

Affected packages:
openssl-0.9.7a-44.03.panda3.i586.rpm
 - User Interface
 - Bug: ISO-8859-1 not supported - GUI very slow

Affected packages:
panda-httpd-3.0.14-0.panda10.noarch.rpm
 - VPN
 - Epic: Reverse proxy

Affected packages:
panda-reverse-proxy-3.0.19-0.panda1.noarch.rpm
 - Bug: Reverse proxy uplink option will not let you choose uplink IPs

Affected packages:
emi-3.0.139-0.panda12.noarch.rpm
- 5.00 version:
 - Base system:
 - Bug: CVE-2015-0235 - glibc gethostbyname buffer overflow - GHOST

Affected packages:
glibc-2.3.4-2.41.panda11.i386.rpm
glibc-common-2.3.4-2.41.panda11.i386.rpm

- Jobsengine:
 - Bug: File descriptors are left open on jobs execution

Affected packages:

jobsengine-2.10.45-1.panda5.i586.rpm

Changes applied on 2015-02-05

- **5.50 version:**
 - System:
 - Updated 5.50 help links.

Affected packages:
panda-guilib-3.0.24-0.panda4.noarch.rpm
 - Fixed a bug in the inline editor which translated special characters into html tags.

Affected packages:
jquery-libs-3.0.26-0.panda4.noarch.rpm
 - Grid filter fails when the "Does not contain" option is selected.

Affected packages:
emi-3.0.137-0.panda12.noarch.rpm
 - Corrections applied to the dashboard in Japanese.

Affected packages:
panda-guilib-3.0.24-0.panda4.noarch.rpm
emi-3.0.137-0.panda12.noarch.rpm
panda-artwork-core-3.0.47-0.panda2.noarch.rpm
 - Tge grid is not updated after removing keywords from filter.

Affected packages:
emi-3.0.137-0.panda12.noarch.rpm
 - Fixed performance issues in the multiselect widget when many elements were available.

Affected packages:
jquery-libs-3.0.26-0.panda4.noarch.rpm
 - Fixed performance issues in the element editor with many entries to show in the grid.

Affected packages:
jquery-libs-3.0.26-0.panda4.noarch.rpm
 - Proxy: HTTP
 - Corrections applied to the proxy graphs menu entry.

Affected packages:
panda-guilib-3.0.24-0.panda4.noarch.rpm
 - VPN
 - Updates applied to the provisioned Gateway-to-Gateway tunnels.

Affected packages:
panda-provisioning-3.0.20-1.panda12.noarch.rpm
- **5.00 version**
 - Firewall
 - New BADTCP_LOGDROP rule drops invalid traffic.

Affected packages:

panda-firewall-2.10.8-25.panda31.noarch.rpm

- System
 - Provisioning for DNAT/SNAT rules.

Affected packages:

panda-firewall-2.10.8-25.panda31.noarch.rpm

- Provisioned Gateway-to-Gateway tunnels could not be removed.

Affected packages:

panda-provisioning-2.10.37-1.panda12.noarch.rpm

Changes applied on 2015-01-22

- 5.50 version
 - Application Firewall:
 - nDPI: update to r8785

Affected packages:
panda-application-firewall-3.0.19-1.panda2.noarch.rpm
iptables-ndpi-1.5.1-8785.panda15_2.6.32.43_57.e51.i586.rpm
kernel-module-iptables-ndpi-1.5.1-8785.panda15_2.6.32.43_57.e51.i586.rpm
kernel-module-iptables-ndpi-PAE-1.5.1-8785.panda15_2.6.32.43_57.e51.i586.rpm
 - Base system:
 - USB 3G Modem detection improved.

Affected packages:
libusb1-1.0.9-23.panda2.i586.rpm
usb_modeswitch-2.2.0-2.panda3.i586.rpm
usb_modeswitch-data-20140529-1.panda7.noarch.rpm
 - Poodle bleed bug (CVE-2014-3566) patched.

Affected packages:
panda-reverse-proxy-3.0.18-0.panda1.noarch.rpm
 - Branding:
 - VPN Portal branding updated.

Affected packages:
panda-gatedefender-appliance-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-integra-esb-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-integra-esoho-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9100-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9100lite-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9500-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9500lite-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-esb-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-software-eseries-3.0.28-1.panda30.i586.rpm
panda-gatedefender-appliance-virtual-eseries-3.0.28-1.panda30.i586.rpm
panda-gatedefender-artwork-3.0.23-0.panda1.noarch.rpm
 - Generic

- Reverse proxy improvements.
Affected packages:
panda-reverse-proxy-3.0.18-0.panda1.noarch.rpm
 - Network configuration
 - Solved bridged mode misleading error "Gateway must be within network".
Affected packages:
panda-netwizard-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-adsl-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-all-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-analog-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-dhcp-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-gateway-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-isdn-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-pppoe-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-static-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-stealth-3.0.14-1.panda10.noarch.rpm
 - Solved a problem that showed "Invalid argument" message when listing nics in Netwizard.
Affected packages:
panda-netwizard-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-adsl-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-all-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-analog-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-dhcp-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-gateway-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-isdn-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-pppoe-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-static-3.0.14-1.panda10.noarch.rpm
panda-netwizard-uplink-stealth-3.0.14-1.panda10.noarch.rpm
- VPN
 - VPN fixes and improvements.
Affected packages:
panda-reverse-proxy-3.0.18-0.panda1.noarch.rpm
panda-core-3.0.57-0.panda11.i586.rpm
- **5.00 version**
 - Base system
 - USB 3G Modem detection improved.
Affected packages:
libusb1-1.0.9-23.panda2.i586.rpm
usb_modeswitch-2.2.0-2.panda3.i586.rpm
usb_modeswitch-data-20140529-1.panda7.noarch.rpm

Changes applied on 2015-01-15

- **5.50 version:**
 - System:
 - Reduced high load by event reporting.

Affected packages:
panda-proxy-3.0.38-2.panda15.noarch.rpm
 - Fixed NTP vulnerabilities: ICSA-14-353-01

Affected packages:
ntp-4.2.8-1.panda4.i586.rpm
ntpdate-4.2.8-1.panda4.i586.rpm
- **5.00 version**
 - System:
 - Fixed NTP vulnerabilities: ICSA-14-353-01

Affected packages:
ntp-4.2.8-1.panda4.i586.rpm
ntpdate-4.2.8-1.panda4.i586.rpm

Changes applied on 2015-01-09

- 5.50 version:
 - System:
 - Script for event notifications updated.

Affected packages:

panda-notifications-3.0.15-0.panda8.noarch.rpm

Changes applied on 2014-12-18

- 5.50 version:
 - System:
 - Log files readjusted.

Affected packages:
logrotate-3.7.4-15.panda13.i586.rpm
panda-samba-3.0.2-0.panda5.noarch.rpm
samba-3.5.4-3.panda13.i586.rpm
samba-common-3.5.4-3.panda13.i586.rpm
logrotate-3.7.4-15.panda13.i586.rpm
 - Corrections applied to migration scripts.
Affected packages:
emi-3.0.134-0.panda12.noarch.rpm
 - Corrected time usage in backup filenames.
Affected packages:
panda-backup-3.0.14-1.panda11.i586.rpm
 - Backup/Restore allows inclusion/exclusion of hardware data such as /etc/businfotab.
Affected packages:
panda-backup-3.0.14-1.panda11.i586.rpm
 - VPN:
 - Routing script updated.
 - IPsec daemon unable to install policies in kernel on ARM.
Affected packages:
 - StrongSWAN security update due to CVE-2014-2338.

Affected packages:
panda-network-3.0.28-0.panda34.noarch.rpm
panda-network-status-3.0.28-0.panda34.noarch.rpm
strongswan-ikev1-5.1.1-1.panda2.i586.rpm
strongswan-ikev2-5.1.1-1.panda2.i586.rpm
strongswan-ipsec-5.1.1-1.panda2.i586.rpm
strongswan-libs0-5.1.1-1.panda2.i586.rpm

Changes applied on 2014-12-09

- 5.50 version:
 - New Feature: Event Management
 - Remove logsurfer and create a new notification daemon.
Affected packages:
panda-customscripts-3.0.3-1.panda1.noarch.rpm
panda-eal-backend-3.0.63-0.panda11.noarch.rpm
panda-panda-client-3.0.23-0.panda35.noarch.rpm
panda-monit-3.0.6-0.panda5.noarch.rpm
panda-network-3.0.27-0.panda34.noarch.rpm
panda-network-status-3.0.27-0.panda34.noarch.rpm
panda-notifications-3.0.13-0.panda8.noarch.rpm
panda-openssh-3.0.5-0.panda6.noarch.rpm
panda-reporting-3.0.65-0.panda2.noarch.rpm
panda-smsnotifications-3.0.4-1.panda2.noarch.rpm
panda-spamassassin-3.0.10-2.panda23.noarch.rpm
panda-support-3.0.3-0.panda5.noarch.rpm
panda-syslog-3.0.29-1.panda12.noarch.rpm
panda-vpnclient-3.0.15-0.panda16.noarch.rpm
panda-client-3.0.8-1.panda28.i586.rpm
panda-core-3.0.54-0.panda11.i586.rpm
panda-gatedefender-templates-3.0.2-0.panda0.i586.rpm
uplinksdaemon-3.0.6-0.panda19.i586.rpm
 - Email plugin for new custom notification daemon.
Affected packages:
panda-notifications-3.0.13-0.panda8.noarch.rpm
 - New event notifications for OpenVPN, IPsec and L2TP.
Affected packages:
panda-vpn-3.0.100-0.panda18.noarch.rpm
panda-vpnclient-3.0.15-0.panda16.noarch.rpm
 - Fixed a bug where uploading the same custom script for event notifications twice would raise an EMI traceback.
Affected packages:
panda-customscripts-3.0.3-1.panda1.noarch.rpm
 - Trigger SMS notifications only if an SMS license has been registered.
Affected packages:
panda-smsnotifications-3.0.4-1.panda2.noarch.rpm
 - Changed event notifications label to "Use SMTP Proxy service".
Affected packages:
panda-notifications-3.0.13-0.panda8.noarch.rpm
 - Fixed a bug where an SMS was only sent if sending an email was successful.
Affected packages:
panda-notifications-3.0.13-0.panda8.noarch.rpm
panda-core-3.0.54-0.panda11.i586.rpm
 - Grid collapsed if an error was to be shown.
Affected packages:
panda-notifications-3.0.13-0.panda8.noarch.rpm
 - Added dependencies for panda-customscripts and panda-smsnotifications for all appliances.
Affected packages:
panda-gatedefender-appliance-3.0.26-1.panda30.i586.rpm

panda-gatedefender-appliance-integra-esb-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-integra-esoho-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9100-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9100lite-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9500-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-e9500lite-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-performa-esb-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-software-eseries-3.0.26-1.panda30.i586.rpm
panda-gatedefender-appliance-virtual-eseries-3.0.26-1.panda30.i586.rpm

- System
 - Systems were accessible from WAN via IPv6 if receiving an IPv6 address from DHCP.
Affected packages:
panda-network-3.0.27-0.panda34.noarch.rpm
panda-network-status-3.0.27-0.panda34.noarch.rpm
 - Country renamed to "Taiwan, Republic of China".
Affected packages:
panda-core-3.0.54-0.panda11.i586.rpm
 - The webserver was not listening on the management port in some occasions.
Affected packages:
jobsengine-3.0.34-1.panda5.i586.rpm
 - Jobsengine lockfile was not removed thus resulting in wrong behaviour on service restarts.
Affected packages:
panda-restartscripts-3.0.9-0.panda2.noarch.rpm
 - PID files removed when daemons are restarted.
Affected packages:
initscripts-3.0.5-0.panda14.i586.rpm
 - STP was not enabled when HA was enabled while in routed mode and then switched to bridge mode.
Affected packages:
panda-network-3.0.27-0.panda34.noarch.rpm
panda-network-status-3.0.27-0.panda34.noarch.rpm
- Hotspot
 - Random DHCP restart issues leave anyone unable to login to hotspot.
Affected packages:
jobsengine-3.0.34-1.panda5.i586.rpm
- VPN
 - Add on option for setting the OpenVPN log verbosity.
Affected packages:
panda-vpn-3.0.100-0.panda18.noarch.rpm

- OpenVPN fails to start having bogus key parameters in server config file.
Affected packages:
panda-vpn-3.0.100-0.panda18.noarch.rpm
- Interzone Firewall - ORANGE to GREEN was allowed even if the OpenVPN server was disabled.
Affected packages:
panda-vpn-3.0.100-0.panda18.noarch.rpm

Changes applied on 2014-11-20

- 5.50 version:

- HTTP Proxy: HTTP proxy references reviewed.

Affected packages:

panda-proxy-3.0.35-2.panda15.noarch.rpm

panda-livelogs-3.0.4-0.panda3.noarch.rpm

- GUI: Improvements added to the usability of various GUI widgets such as compatibility for Internet Explorer 9 and general adjustments both in the grid widget's search functionality and style definitions.

Affected packages:

emi-3.0.133-0.panda10.noarch.rpm

panda-gatedefender-artwork-3.0.21-0.panda1.noarch.rpm

- User Authentication: Additional authentication backend added.

Affected packages:

panda-vpn-authentication-enterprise-3.0.17-0.panda3.noarch.rpm

- System:

- Extended databases are now being stored in backups.
- Stopped superfluous scripts from being executed regularly.
- Email notifications system revamped.

Affected packages:

panda-backup-3.0.11-1.panda11.i586.rpm

scripts-3.0.5-0.panda21.i586.rpm

panda-core-3.0.54-0.panda11.i586.rpm

Changes applied on 2014-11-06

- 5.50 and 5.00 version:

IMPORTANT: Please note that after installing the following updates, a reboot of the appliance is required to ensure their correct application.

- Firewall: Fixed memory leak that caused system reboot.

Affected packages:

`iptables-ndpi-1.5.1-8179.panda12_2.6.32.43_57.e51.i586.rpm`

`kernel-module-iptables-ndpi-1.5.1-8179.panda12_2.6.32.43_57.e51.i586.rpm`

- Security Fix:
 - Changed the webserver configuration to fix the vulnerability CVE-2014-3566 also known as Poodle.
 - Solved a problem that caused the web console connection to fail.

Affected packages:

`panda-dnsmasq-3.0.11-0.panda21.noarch.rpm`

`panda-hotspot-3.0.99-1.panda11.noarch.rpm`

`panda-httpd-3.0.12-0.panda10.noarch.rpm`

`panda-httpd-3.0.12-0.panda10.rpm`

- VPN: Cleanup of firewall rules when shutting down OpenVPN.

Affected packages:

`panda-vpn-3.0.96-0.panda18.noarch.rpm`

`panda-firewall-3.0.46-25.panda31.noarch.rpm`

- System: Under certain circumstances the webserver was not listening on management port 10443.

Affected packages:

`jobsengine-3.0.33-1.panda5.i586.rpm`

- GUI: Adjusted borders and margins in the configuration editor interface.

Affected packages:

`panda-artwork-core-3.0.46-0.panda2.noarch.rpm`

Changes applied on 2014-10-23

- **5.50 version:**
 - High Availability:
 - Fixed a few issues with the Spanning Tree Protocol for High Availability installations.
 - Fixed the system clean-up when High Availability is being disabled.
 - Increased the takeover timeout for High Availability slave machines.

Affected packages:
panda-network-3.0.26-0.panda34.noarch.rpm
panda-network-status-3.0.26-0.panda34.noarch.rpm
panda-ha-3.0.18-0.panda15.i586.rpm
 - Network
 - Fixed a bug related to DHCP uplinks.

Affected packages:
setup-2.8.23-1.panda15.noarch.rpm
panda-network-3.0.26-0.panda34.noarch.rpm
panda-network-status-3.0.26-0.panda34.noarch.rpm
- **5.00 version:**
 - High Availability:
 - Fixed a few issues with the Spanning Tree Protocol for High Availability installations.
 - Increased the takeover timeout for High Availability slave machines.

Affected packages:
panda-network-2.10.17-0.panda34.noarch.rpm
panda-network-status-2.10.17-0.panda34.noarch.rpm
panda-ha-2.10.11-0.panda15.i586.rpm
 - Network
 - Fixed a bug related to DHCP uplinks.
 - Affected packages:
setup-2.8.23-1.panda15.noarch.rpm
panda-network-2.10.17-0.panda34.noarch.rpm
panda-network-status-2.10.17-0.panda34.noarch.rpm

Changes applied on 2014-10-09

- 5.50 version:
 - Firewall: Corrections applied to the outgoing firewall rules.

Affected packages:

panda-application-firewall-3.0.18-1.panda2.noarch.rpm

Changes applied on 2014-09-30

- 5.50 version:

- VPN Portal:

The new VPN Portal feature has been added. The feature is a reverse proxy implementation that integrates seamlessly into the VPN menu and adds the possibility to connect to internal web servers with full-featured authentication options and no need for a VPN client.

Affected packages:

panda-gatedefender-appliance--3.0.26-1.panda29.i586.rpm*
emi-3.0.128-0.panda10.noarch.rpm
apache-2.4.9-0.panda15.i586.rpm
panda-eal-backend-3.0.62-0.panda11.noarch.rpm
openssl-1.0.1h-0.panda3.i586.rpm
panda-reverse-proxy-3.0.9-0.panda1.noarch.rpm
panda-hotspot-3.0.96-1.panda11.noarch.rpm
panda-dnsmasq-3.0.9-0.panda21.noarch.rpm
panda-ntop-enterprise-3.0.25-0.panda6.noarch.rpm
panda-vpn-3.0.95-0.panda18.noarch.rpm
jobengine-3.0.32-1.panda5.i586.rpm
panda-httpd-3.0.9-0.panda10.noarch.rpm
panda-core-3.0.51-0.panda11.i586.rpm
apr-1.5.1-0.panda1.i586.rpm
apr-util-1.5.3-0.panda1.i586.rpm

- Hotspot:

- Corrected help links.
- Fixed login for mobile portal without authentication.
- Fixed errors in the hotspot portal templates that could lead to crashes.

Affected packages:

panda-hotspot-3.0.96-1.panda11.noarch.rpm

- System:

- Fixed a bug that caused the wrong appliance package to be installed due to erroneous dependencies.

Affected packages:

kernel-module-e1000e-PAE-2.5.4-2.panda6_2.6.32.43_57.e51.i586.rpm
kernel-module-e1000e-2.5.4-2.panda6_2.6.32.43_57.e51.i586.rpm
e1000e-2.5.4-2.panda6_2.6.32.43_57.e51.i586.rpm
panda-gatedefender-appliance--3.0.26-1.panda29.i586.rpm*

- User Interface:

- Fix badly displayed multi select fields.

Affected packages:

jquery-libs-3.0.22-0.panda4.noarch.rpm

- Fixes for CVE-2014-6277, CVE-2014-6278, CVE-2014-7186, CVE-2014-7187:



Affected packages:
bash-3.0-20.panda3.i586.rpm

Changes applied on 2014-09-25

- **5.50 version:**
 - Firewall:
 - Random crashes solved

Affected packages:
panda-application-firewall-3.0.11-1.panda2.noarch.rpm
*kernel-module-iptables-ndpi-*8179*.rpm*
iptables-ndpi-1.5.0-8179.panda10_2.6.32.43_57.e51.i586.rpm
 - System:
 - Fixed the visualization of the maintenance expiration date in the **Dashboard** and **Panda Perimetral Management Console** pages.

Affected packages:
panda-pandan-client-3.0.22-0.panda35.noarch.rpm
panda-dashboard-3.0.8-0.panda7.noarch.rpm

 - en-client logfile is now rotated every day.

Affected packages:
panda-pandan-client-3.0.22-0.panda35.noarch.rpm
panda-client-3.0.7-1.panda28.i586.rpm

 - Fixed bugs that resulted in the appliance not being rebooted after updating from the perimetral management console under certain circumstances
- Affected packages:
panda-client-3.0.7-1.panda28.i586.rpm
- **5.00 version:**
 - System:
 - en-client logfile is now rotated every day

Affected packages:
panda-client-2.10.14-1.panda28.i586.rpm
panda-panda-client-2.10.22-0.panda34.noarch.rpm

 - Fixed bugs that resulted in the appliance not being rebooted after updating from the perimetral management console under certain circumstances.

Affected packages:
panda-client-2.10.14-1.panda28.i586.rpm

Changes applied on 2014-09-11

- 5.50 version:
 - System:
 - Service script reviewed.

Affected packages:
initscripts-3.0.3-0.panda14.i586.rpm
 - LDAP support for Python reviewed.

Affected packages:
panda-eal-backend-enterprise-3.0.23-0.panda2.noarch.rpm
openvpn-auth-3.0.10-1.panda7.noarch.rpm
 - HTTP Proxy:
 - Fixed a bug in the HTTP proxy where the number of different IPs per user was not considered by the service

Affected packages:
panda-proxy-3.0.34-2.panda15.noarch.rpm
 - Hotspot:
 - Fixed a bug in Mobile portal login without authentication.
 - Changes to the error page applied.
 - Always show On/Off switch when the hotspot is disabled.
 - Help links adjusted.

Affected packages:
panda-hotspot-3.0.94-1.panda11.noarch.rpm
 - Virtualization:
 - Updated VMware drivers.

Affected packages:
open-vm-tools-9.4.0.1280544-2.panda15_2.6.32.43_57.e51.i586.rpm
panda-vm-guest-3.0.1-panda1.noarch.rpm
kernel-module-vmware-drivers-5.5.0u1-0.panda1_2.6.32.43_57.e51.i586.rpm
kernel-module-vmware-drivers-PAE-5.5.0u1-0.panda1_2.6.32.43_57.e51.i586.rpm

Changes applied on 2014-08-05

- 5.50 version:
 - System: Update system improved.

Affected packages:
panda-client-3.0.3-1.panda28.i586.rpm
 - VPN: IPsec tunnels were not correctly reestablished.

Affected packages:
panda-ipsec-3.0.59-1.panda9.noarch.rpm

Changes applied on 2014-07-15

- **5.50 version:**
 - System: Updated the SSH key for remote support tunnels from the Perimetral Management Console.

Affected packages:

panda-panda-client-3.0.20-0.panda35.noarch.rpm

- **5.00 version:**
 - System: Updated the SSH key for remote support tunnels from the Perimetral Management Console.

Affected packages:

panda-panda-client-2.10.21-0.panda34.noarch.rpm

Changes applied on 2014-07-11

- **5.50 version:**
 - System: Firewall changes to adapt to new IP addresses of the Panda Perimetral Management Console. Read more [IPs and ports required for Panda GateDefender eSeries to communicate with Panda Perimetral Management Console](#)

Affected packages:

panda-gatedefender-appliance--3.0.25-1.panda26.i586.rpm*

- **5.00 version:**
 - System: Firewall changes to adapt to new IP addresses of the Panda Perimetral Management Console. Read more [IPs and ports required for Panda GateDefender eSeries to communicate with Panda Perimetral Management Console](#)

Affected packages:

panda-gatedefender-appliance--2.10.48-1.panda20.i586.rpm*

Changes applied on 2014-07-07

- 5.00 version:
 - VPN:
 - Fixed a bug that caused the VPN users menu to disappear.

Affected packages:

panda-l2tp-2.10.11-0.panda2.noarch.rpm

Changes applied on 2014-06-26

- **5.50 version:**
 - System:
 - 3DES was erroneously translated with SHA1 in Italian.

Affected packages:
*panda-locales-*3.0.14-0.panda8.i586.rpm*
 - Firewall, VPN
 - Fixed load-balancing when using multiple ports in firewall rules and multiple OpenVPN instances.

Affected packages:
panda-firewall-3.0.44-25.panda31.noarch.rpm
panda-vpn-3.0.94-0.panda18.noarch.rpm
- **5.00 version:**
 - Cyren
 - Renamed Commtouch into Cyren.

Affected packages:
panda-commtouch-mailsecurity-2.10.18-1.panda6.noarch.rpm
panda-commtouch-webfilter-2.10.40-1.panda8.noarch.rpm
 - VPN
 - Fixed a bug which resulted in the L2TP service not being started after stopping it once.
 - L2TP can now also be configured for other uplinks than the main uplink.

Affected packages:
panda-l2tp-2.10.10-0.panda2.noarch.rpm
xl2tpd-1.3.0-1.panda6.i586.rpm

Changes applied on 2014-06-23

- HTTP Proxy
 - Fixed signature migration from old version.

Affected packages:
panda-urlfilter-3.0.38-1.panda10.noarch.rpm
- SMTP Proxy
 - Added archive extensions to the list of file extensions.
 - Fixed a bug where sender and recipient mail addresses had not been displayed in the log viewer.

Affected packages:
panda-smtpscan-3.0.59-0.panda47.noarch.rpm
- VPN
 - Corrections in the VPN module that resulted in using an incorrect certificate.

Affected packages:
panda-eal-backend-3.0.61-0.panda11.noarch.rpm
- Application Control
 - Using a more recent version of the ndpi library to avoid false positives.

Affected packages:
iptables-ndpi-1.4.0-7147.panda9_2.6.32.43_57.e51.i586.rpm
kernel-module-iptables-ndpi-1.4.0-7147.panda9_2.6.32.43_57.e51.i586.rpm
kernel-module-iptables-ndpi-PAE-1.4.0-7147.panda9_2.6.32.43_57.e51.i586.rpm