

MachPanel Build v8.3.25 Release Notes (Sept 08, 2026)

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1. Important Prerequisites

- Customers using old module like Exchange 2010, Exchange 2010 Hosted, should **NOT** update to MachPanel v8.
- If you are already running MachPanel Build 8.0.32, then this prerequisite is already there. If you are updating from a build older than 8.0.32, then you will need to download and install [Microsoft .Net Framework 4.8](#) as explained [HERE](#):
- When ready, you need to follow the steps given below in sequence and execute instructions in the KB articles to complete the update:
 1. [Update to Latest MachPanel Control Server](#)
 2. [Update to Latest MachPanel Remote Server](#)

2. Important Notes

- If you are using MachPanel Rest API, please follow link below to update to latest version of Rest API (If it is installed under default location "C:/Program Files/MachSol/RESTAPI", it will be updated automatically during auto update process):
 - [Update to Latest MachPanel REST API](#)
- If you are running MachPanel 8.0.32 with Load Balanced setup, this prerequisite is already there. If you are updating from an older build, then you must follow steps [HERE](#) after the update:

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3. Improvements/New Feature

- **General (MachPanel, AD, Configuration Studio, REST API, HelpDesk):**
 - Improved Audit Logging for Exchange and Hyper-V modules
 - Added permissions for Staff and Customer/Reseller access to manage different sections in Active Directory, Hyper-V, and Exchange.
 - Added feature to schedule emails for the Over Quota Usage Report.
 - Added function for the Over Quota Usage Report in the REST API.
 - Added REST API method to change the Mailbox type.
 - Added REST API methods to manage Mailbox Calendar permissions.
 - Added GET/SET Advanced Settings endpoints to the REST API
 - Added REST API endpoint to authenticate via the AD Account setting
 - Added support to release locked threads from a crashed machine in a load-balanced deployment.
 - Updated KeyCloak Authentication to work with the Panel Username (email).
 - Added support to resize the background image (Login Background Image).
 - Updated the banner display on the Login and Forgot Password pages.
 - Added Customer Contacts Access Template Management.
 - Added an option to include Employee ID as an optional field in CSV files.
 - Added an option to download logs for Jobs in Group Action Logs.
 - Added an option to download Thread Logs.
 - Added an option to edit the Domain Name in an AD Organization
 - Added an option to enable the Exchange service and Group Membership for AD Sync users.
 - Added an option to skip Enable/Disable jobs when updating Bulk AD Users.
 - Added an option to export AD Users to CSV from Update Bulk AD User.
 - Added an Email field to Security Groups.
 - Added new report-related permissions to Staff Roles and Access Permissions.
- **Microsoft Exchange:**
 - Enhanced Exchange DL Membership listing by using Selectable/Select only, removing the Members Listing, and optimizing performance to handle 10,000+ records faster.

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- Optimized and enhanced Exchange Distribution Group Members management.
 - Optimized Exchange and AD Management to avoid deadlocks and improve loading and processing times.
 - Added a Mailbox Add-on Report REST API
 - Updated Resources Mailbox handling; when the Manager is changed, Full Access permissions are automatically updated.
 - Added a REST API method to update the Customer Linked AD User.
 - Updated the REST API Mailbox Features method.
 - Added PATCH operations for Mailbox General Settings and Advanced Settings through the REST API
 - Added a Custom Quota setting for Mailbox Personal Archiving.
 - Updated mailbox export to include the LegacyExchangeDN.
 - Added handling for User Mailboxes changed to O365/Remote Mailboxes during Exchange Organization Sync from the backend.
 - Added handling to automatically add the primary email address of mailbox when the AD User UPN is changed.
 - Updated Send Connector Management. Updated Resource/Room Mailbox Full Access Manager auto-update.
- **Microsoft Hyper-V(VPS):**
 - Updated VM Disk Management, optimized its speed, and added an option to skip disk format commands. To disable disk formatting and reboot handling, run the script: Update HB_tblSystemSettings Set AutoConfigureDisk = 0.
 - Updated NIC Management for Dynamic Pool and SDN cases; no reboot is required for Windows VMs.
 - Updated logging in VM creation. The Run button is disabled for Customers. Implemented SDN Licensing Management in MachPanel.
 - Added Snapshot support for Hyper-V Cluster deployments.
 - Added a feature to map Servers to Customers in Hyper-V. It also updates the Owner nodes in the Cluster setup on the backend.
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Excluded VM package resources from the Recycle Bin.

- Improved VPS Subscription resource display.
- Improved VM Management UI/UX.
- Added a feature to manage Trunk Port configuration in NIC Management for Providers.
- Added Provider selection to the Subnet Pool Add/Edit interface in the Reseller Selectable/Select option.
- Added a VPS Subscription (Package/Addon) Report.
- Added Group Actions in the VPS module.
- Added Hyper-V VM Pause/Resume state handling and aligned the Suspend action with the Save operation.
- Added the VM Reinstall operation.
- Updated VPS Subscription resource calculation to exclude resources assigned to VMs in the Recycle Bin.
- Added more filters and statistics, including Refresh State data, to VM listings.
- Added Dynamic IP allocation handling for Linux VMs.
- Added VLAN listing for assigning Dynamic Pools to Customer Subscriptions.
- Added handling to import VMs without automatically reading the IP when a Dynamic Pool is used.
- Hidden the Select Reseller option when resellers are not used in Subnet Pools.
- Added an option to install the OS using an ISO during VM creation.

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- Import and Management also include an option to change the Sealed Image/ISO setting for Providers.
- Added an option to change the OS type of an existing VM.
- Updated VM Import so that NIC settings are handled automatically. If no matching settings are found, a message appears instructing the user to configure the settings manually.
- Added Cluster support in VPS Import; all VMs on the cluster are now listed for import.
- Updated VM Import to handle Cluster resource names containing SCVMM VMName resources.
- Added default settings in VPS Import to make it easier to pre-select settings and import multiple VMs for a customer in one go.
- Added a Customization section under the VPS module Setup section.
- Enhanced VM Location configuration in VPS Server Groups.
- Added support for selling Addons for a VPS Single VM.
- Added a Separate VLANs Report.
- Updated Audit Logging in the Hyper-V module.
- Updated IP handling and UI in the Hyper-V module.
- Updated the VM reboot message.
- Updated VPS Import to display an error when duplicate NIC names are detected.
- Added logging to help identify the cause of incorrect disk consumption values in

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Disk Management.

- Updated VLAN handling in the Hyper-V module.
 - Added a feature to reset Firewall rules to their default settings for an interface.
 - Added hyperlinks for easier navigation where needed in the VPS module.
 - Updated the Mailbox Listing to better display mailboxes with different UPNs and Primary Email addresses.
 - Added an "Apply changes inside VM" checkbox to Add/Expand Disk for Windows VMs. If checked, a reboot is required; otherwise, no reboot is needed.
- **Microsoft CSP:**
 - O365 Subscription "Auto Renewal" settings should be synced with backend
 - Access Template/permission to Manage O365 Subscription allowed.
 - **Microsoft Skype for Business:**
 - Improved Audit Logging in SFB Module

4. Resolved / Fixed Issues

- **General (MachPanel, AD, Config Studio, REST API, HelpDesk):**
 - REST API search using domain alias fixed.
 - Fixed Country not get set while creating AD User through ADSync.
 - Fixed Password Combination issue for Mailbox User
 - Fixed AD Organization Domain Edit issue not getting updated on backend AD.
 - Fixed Automatically Add Users in Security Group of AD Organization.
 - Fixed / Handled / Addressed Security Vulnerabilities below:
 - o SQL Injection vulnerabilities

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- o Stored Cross-Site Scripting (XSS) Vulnerabilities
- o Insecure Direct Object Reference (IDOR) / Sensitive Information Disclosure
- o SSO Bypass via Alternative Login Page
- o Improved Input Validation and Output Encoding
- o Improved Authentication and Authorization Controls
- o Improved Error Handling and Secure Data Handling
- o Addressed Bootstrap-select 1.10.0 due to CVE-2019-20921
- o Addressed reported Bootstrap 3.4.1 vulnerabilities (CVE-2024-6485, CVE-2025-1647)
- o Addressed Chart.js 2.2.1 due to CVE-2020-7746
- o Addressed Vue.js 2.6.11 due to CVE-2024-9506
- o Updated third-party components to eliminate known reported vulnerabilities

- **Microsoft Exchange:**

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Fixed the issue where a mailbox created for a synced AD User did not appear in the listing when the Country was null in the Customer AD by setting the Country to the Customer Profile Country.

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Fixed the mailbox connect/recreate issue through the MachPanel Recovery interface.

Fixed the Exchange DL LDAP issue after setting the Email Alias as the Primary Email.

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Fixed remote users being displayed as already existing on-premises users.

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Fixed the Shared Mailbox permission violation issue.

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Corrected Mailbox Usage information in the REST API.

- Fixed the Export Forwarding Report error on the Customer side.
- Hidden Exchange Recycle Bin and Recovery options when the Exchange module is disabled.
- Fixed Custom Quota values not being displayed in the Mailbox Advanced tab.
- Fixed the issue where Public Folder Mailboxes were not automatically removed from Exchange after the associated subscription was cancelled.
- Fixed the Bulk AD User creation issue when the Country was not specified in the CSV file.
- Fixed the issue where AD User fields were missing when creating an AD User with an Exchange mailbox enabled from the AD User interface.
- Fixed missing user attributes when creating a mailbox from the Exchange interface.
- Fixed the issue where Get Mobile Device using Identity failed when the LDAP of the mailbox was changed.
- Fixed the error when adding a mailbox by selecting an existing AD User.

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- **Microsoft Hyper-V(VPS):**

- Fixed the issue where Get Mobile Device using Identity failed when the LDAP of the mailbox was changed.
- Fixed the error when adding a mailbox by selecting an existing AD User
- Fixed the VPS addon throwing an exception due to a missing NATted IP record.
- Fixed the VPS IP-only addon not getting provisioned.
- Fixed VPS disk options in Add VPS.
- Fixed the VPS Disk Move operation.
- Fixed the Expand Disk operation showing the wrong disk type.
- Fixed NIC addition in Linux VMs for pfSense integration.
- Found the cause of the 504 error in VM operations: HTTP/HTTPS gateway connection timeout. The timeout needs to be increased to 1800 seconds.
- Fixed the wrong ServerId being set for imported VMs in a cluster setup.
- Fixed the error "The INSERT statement conflicted with the FOREIGN KEY constraint "FK_HB_tbIVPSAccounts_HB_tbIVPSHosting"... occurring during VM import.
- Fixed VM Management freezing when the Memory tab is opened.
- Corrected the VM account name link.
- Fixed an error in the Hyper-V VM stats synchronization routine.
- Fixed the error when adding a NIC with an apostrophe in the NIC name.
- Fixed the error when removing a VPS subscription.
- Fixed the issue with incorrect time processing for VM schedules.

MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/55812/MachPanel-Build-v8325-Release-No...>