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1. Important Prerequisites

Please 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 Note

If you are using **MachPanel Rest API**, please follow link below to update to latest version of Rest API:

- [Update to Latest MachPanel REST API](#)

3. Improvements/New Features

- **General (MachPanel, AD, ADSync, Billing, REST API):**
 - KeyCloak Login Redirect - In case a different user is logged in to KeyCloak than the one in Panel.
 - Added option to configure exported Excel file extension to use .xls or .xlsx under Company Profile > Personalization.
 - Subscription List (Deleted subscription filters enhanced)
 - License information Report under Schedule Usage Report section
 - Log out the current session as well as all other open sessions for the same customer upon password change.

MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- Added Recycle bin and Recovery records management using REST API.
 - Handle Login page broken issue - When Provider/Reseller impersonates as customer/contact and in another window deletes that customer and tries to reload the page.
 - Added mailbox size report under Exchange > Monitoring in customer portal.
 - Added auto deletion of linked AD Staff users which are removed from the Security Group in AD.
 - Export Invoices data using interface and REST API
 - Update Bulk AD Users - Added more columns in CSV file.
 - Added DUO Universal Prompt integration. ([Configuration steps remain same](#))
 - Removed OWA Policy related resources from REST API calls as these are now managed using OWA Mailbox Policies interface.
 - Allow authentication via AD User associated with customer contacts.
 - Added option to Update User CN on UPN change automatically in Active Directory domain Add/Edit interface.
 - Updated DB Backup email handling, email is not sent to anyone if email is not configured.
 - Added handling to avoid Deadlock Victim error.
 - Verify if AD User password setting job sets value as needed, if settings from backend does not match, job fails, and re-try is done.
 - Audit Log listing performance improved by using paging at SQL Server.
 - Handled error in Export to Excel when XLSX format is used, and string field length exceed 255 characters.
 - [Added OAuth for O365 support in HelpDeskParser](#)
- **Microsoft Exchange:**
 - Allowed to add Email Alias when Alias exists as UPN already.
 - Email Template Improvements
 - Bulk Import case sensitive - save UPN/Email aliases in lowercase when adding bulk users.
 - User Select on exact UPN - UPN should be the user's basic identifier, however that the display name may be repeated with multiple users.

MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- Added new Attribute in AD - "Account Expiration"
 - Added filter (Disabled AD user, Enable AD user) under AD users listing, as it's already existed under Exchange Mailboxes.
 - Added export list option under AD users and Exchange mailbox.
 - Added exception to exclude distribution list from Disclaimer/under disclaimer settings.
 - Auto Disable/Enable Mailbox on ADUser Disable/Enable
 - Allow to Enable/Disable AD User for Shared/Resource mailbox.
 - Added an "Exclude" option in the Dynamic Distribution List during add/edit operations.
 - Add "Recipient Domain is:" in exception for disclaimer.
 - User selection in AD/Mailbox Group Actions is changed to match full UPN.
 - Set ABP as blank for mailbox optional handling added.
 - Allowed to edit Throttling template in Custom template under Organization management.
 - Updated handling for Message Copy setting in Mailbox Permissions for User Mailboxes.
 - AD User password settings job added if the setting is not getting applied in Create Mailbox for tracking and re-try.
 - On UPN change from AD User interface, new UPN is set as mailbox primary email.
 - Handled email aliases in ADUser, Mailbox, Groups group actions search filter.
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CSP/Office365:**

- Automatically cancel jobs related to O365 tenant sync, user sync, and licensing if tenant management is not enabled.
 - Implemented auto cancellation O365 jobs related to a tenant if tenant management is disabled.
 - Added Sync All users action in O365 User Group Operations
 - Enhanced O365 Subscription interface import feature to show Subscription Id.
 - Auto add .onmicrosoft alias in o365 handled.
 - Added optional field for Registration Id in O365 order form.
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VPS (Hyper-V):**

- IAM Role & Access Control per VM
- Implemented VM Management REST API
- Enhanced Hyper-V Server Group Setting (VM Storage Location)
- Added permissions to manage VM Start, Stop, Suspend, Move actions.
- Added NETBIOS Name in Virtual Machine Listing.
- Added VPS location settings in Add/Edit Server in VPS Standalone Server Group.
- Allowed multiple server groups assigned to Reseller plan in VPS module to reseller for customer subscription assignment.
- Added CentOS7 under OS types in Hyper-V.
- Bandwidth Quota display issue fixed in VPS module.
- AlmaLinux 9.x version integration added under Hyper-V Linux OS.

4. Resolved / Fixed Issues

- **General (MachPanel, AD, ADSync, Billing, REST API):**
 - Backup Notification emails will not be sent to default provider email if the email is removed from backup notification settings.

MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- Error in displaying Control Server logs in Logs Explorer.
 - "About MachPanel" is removed from Customer and Reseller interface.
 - SSL setting display issue in Health > Compliance.
 - "Unable to cast object of type 'System' to type 'DataModels'" in ADUser certificate management.
 - Issue in Recycle Bin/Recovery showing unrelated Customer data.
 - Authentication as ADUser for Customer/Contact added for ADSync client.
 - Handled Primary server Health report not getting populated due to DB error.
 - Issue in MFA handling when Duo is configured.
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 - Mailbox Template not getting updated on Customer Move from 1 Reseller to another.
 - Login Disable users (Shared, Resource mailboxes) are skipped when adding Group Jobs for setting AD User Password Settings.
 - UPN and Email are set in lower case in Bulk Mailbox creation.`

MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- Issue in Mailbox Recycle Bin and Recovery handling fixed where Mailbox does not appear in Recovery.
 - Issue in Disclaimer add/edit due to Left and Right double quotation mark used in disclaimer body.
 - Set Password policy job cannot be added or processed for disabled users.
 - Mailbox quota not getting set to 0 on Disable ADUser from listing.
 - On UPN change additional email address is added but not being set as primary in exchange mailbox.
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MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- CSP Automation - Fixed error encountered when provisioning tenant for South Africa (where the TRN ID is missing).
- GUID related error in O365 subscription import.
- Object Reference error when updating a subscription quantity in O365.
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 - Wrong error message for VM permanent Delete
 - VM Disk Usage issue on Subscription limits when VM is imported in panel.

MachPanel Build v7.3.60 Release Notes (September 09, 2024)

- Error in VPS provisioning due to wrong table in stored procedure.
- VHD archive on deletion not working as needed.
- VM preview image not working.
- No record found error in VPS Setup.
- Quota value displayed for disk space on Add VPS screen.
- Wrong OSName in VM listing.
- Storage type issue in VM import.
- Error in getting virtual switch in Cluster environment.
- Enable-VMIntegrationService "Guest Interface" fails on hosts when using other than English language handled. Have to set correct name on Hyper-V Host machines in registry. The integration service name can be mentioned in registry path: SOFTWARE\MachSol\MachPanel, new string key: VMIntegrationServiceName, value: "Guest Service Interface". Update the value "Guest Service Interface" in desired Host Machine Language.
- Changing password not working in Hyper-V Linux VM handling.
- Old VM archive files not getting deleted.
- VM remove in Single VM subscription cancellation.
- Arithmetic operation error in VM import.
- Hyper-V CentOS Password update issue fixed.
- Issue in unselecting bandwidth tier associated to a customer's plan.
- VPS Service Queue Suspend/Resume Entry Issue.

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MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/55783/MachPanel-Build-v7360-Release-No...>