

MachPanel Build v7.2.20 Release Notes (August 8, 2023)

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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](#)

Also, there are some SQL commands/scripts used since build 7.2.11 which are supported in SQL 2012 or later. So, it is recommended that you install SQL version 2017 or 2019 using below KB article

- Installation guide for SQL 2017
 - <https://kb.machsol.com/Knowledgebase/53483/Installation-Guide-for-SQL-2017-Express>
- Installation guide for SQL 2019
 - <https://kb.machsol.com/Knowledgebase/55737/Installation-Guide-for-SQL-Server-2019>

Once done, you have to move your MachPanel DB from old SQL instance to the newly installed SQL. For that you can follow below KB article

- [How to Move MachPanel MS SQL Database To Another New MS SQL Server \(machsol.com\)](#)

2. Important Note

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

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[Update to Latest MachPanel REST API](#)

3. Improvements/New Features

- **General (MachPanel, AD, ADSync, Billing, Store, WHMCS, Help Desk):**
 - Added [Active Session information](#) and option to Kill Session.
 - Added [Password Expiration Notification](#) Email setting under Organization Management.
 - Added feature to [send report manually](#).
 - Added AD/Exchange Group Synchronization.
 - Added Permission in Reseller/Customer template for 'Generate Renewal Invoice'.
 - Added Permission in Reseller Access Template to hide MailChimp.
 - Added a workflow Auto delete mailbox when AD User is Disabled.
 - Enhancement added in Access Template to Hide Password Settings.
 - Updated Store and Login page CSS.
 - Updated KeyCloak authentication handling, improved page load time and working.
 - Option to Select AD Domain is hidden on Customer AD Home page when there is single AD domain added in panel.
 - Updated how error messages are displayed. AD Domain and Server details are hidden.
 - [Logon Hours templates](#) creation is shown in Organization listing.
 - [Update Branding](#) of MachPanel.
 - Update VAT verification in MachPanel.
 - Updated Search Field and added option to Filter customers by "Customer Number".
 - Updated flow for sending internal emails.

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- Updated Error Message related to Invoice Emails.
- Access Template section for Contacts is hidden, if "Show Contact to Customer" option is unchecked in Customer Access Template/Permissions.
- **Microsoft Exchange:**
 - Added Download Outlook Profile functionality under [Mailbox Management](#).
 - Added [Setting of MAPIhttpEnabled in mailbox features](#).
 - Added CompleteAfter parameter with MoveRequests.
 - Added Quota Management for [Public Folder Mailbox](#).
 - Added "[Validate DNS](#)" button under Mail Domains.
 - Added button to Save and Apply [Calendar Permissions](#) to all Mailboxes.
 - Added step for recreation of OWA Mailbox Policy on Sync from Backend (If it does not exist for a mailbox).
 - Added Permission in Reseller/Customer Access Template to hide Delete Domain in Spam Filters.
 - Added handling to enable/disable Archive Quota for Spam Experts.
 - Enhancement added to hide members for [distribution groups](#).
 - Enhancement added for [Signature](#) under Rules in Exchange Account Management.
 - Enhancement added to create [bulk shared and resource mailbox](#) via CSV.
 - Permissions are added in Reseller/Customer Access Template to hide menu in Exchange Hosting listing.
 - Improved Exchange Module performance when there are a lot of databases on backend.
 - Add Export PST job is hidden based on customer access template and if Export quota is 0.
 - Mailbox import routine updated to handled larger import batches like more then 10K mailboxes in a batch.
 - Note the process will take considerable time depending on Database performance.
 - Optimized Bulk Mailbox creation using CSV.
 - AL, GAL and OAB names are used to fetch Distinguished names to

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set on new Mailbox creation.

- Updated CSV error message while bulk mailbox creation.
 - Updated Mailbox creation functionality for existing AD users.
 - Improved Exchange Server Remote Connection Utilization.
 - Updated Public Folder Mailbox flow.
 - Updated Exchange Email Forwarding.
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- **Microsoft CSP/Office365:**
 - Updated Direct Routing User License verification.
 - Updated handling for NCE offer addons.

 - **Microsoft VPS (Hyper-V):**
 - Added workflow of IP Pool Quota Alert. Added Resource Usage Alert Email.
 - Added functionality 'Auto Suspend Service' in Quota Settings.
 - Delete VM from DB only option hidden from Reseller and Customer side.
 - Sealed Image details shown on Provider/Reseller/Customer interfaces.
 - Updated Hyper-V email and Setup section handling.

 - **Microsoft DNS:**
 - Added option to 'Reset DNS Zone'.
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- #### 4. Resolved / Fixed Issues
- **General (MachPanel, AD, ADSync, Billing, Store, WHMCS, Help Desk):**
 - Fixed Issue: Group Job Settings update function.
 - Fixed Issue: Error in Notification for reseller dashboard.
 - Fixed Issue: Import is not updating Custom Customer Number.
 - Fixed Issue: WHMCS reseller creation.

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- Fixed Issue: Wrong Logo on ResetGoogleAuthenticator page.
- Fixed Issue: Change profile option on dashboard not hidden if customer is not allowed to edit profile.
- **Microsoft Exchange:**
 - Fixed Issue: Mail Domain not getting created.
 - Fixed Issue: Personal Archive quota handling in Exchange module.
 - Fixed Issue: Usage report not getting processed.
 - Fixed Issue: Edit Group takes time when there are a lot of users in group.
 - Fixed Issue: Error in downloading sample file for Bulk Mailbox when Russian language is used.
 - Fixed Issue: Mailbox Usage Report export does not work correctly after Email search added.
 - Fixed Issue: All organizations option from Exchange WorkFlows removed to avoid page load issue.
 - Fixed Issue: Mailbox Sample file edit issue, values appearing in single column in excel.
 - Fixed Issue: MAPI value in add/edit Resource mailbox is not available.
 - Fixed Issue: MAPI value edit in addon.
 - Fixed Issue: Wrong quota values for Resource and Shared mailbox when package has 0 quota.
 - Fixed Issue: Wrong DB selection in bulk mailbox creation.
- **Microsoft CSP/Office365:**
 - Fixed Issue: Linked OU not getting created when O365 Tenant Management is Off.
 - Fixed Issue: Wrong job of password update created in Linked OU to O365 tenant user management.
 - Fixed Issue: Tmp_.. folder remains in C:\Windows\Temp directory when O365 management is in use.
 - Fixed Issue: Constraint Violation error when syncing users from O365 and Azure Sync is also enabled.
 - Fixed Issue: All licenses are not showing when assigning license to User in O365 user add/edit.

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- **Microsoft Hyper-V:**

- Fixed Issue: Hyper-V group jobs auto processing.
- Fixed Issue: CentOS IP config not getting provisioned during VM create.
- Fixed Issue: Invalid IP Address error when IP/Subnet is sent to server.
- Fixed Issue: Error in VM management due to memory management not allowed.
- Fixed Issue: Hyper-v Windows 2022 Sealed Image Error

5. Known Issues

1. If you face below issue in "Sync data from backend" or some other operation where result of **MAPIHTTPEnabled** attribute is returned as "Null" / "Blank".

Error getting recipient details from Exchange Server: Error getting Mailboxes information: Object reference not set to an instance of an object. IP=xxx.xxx.xxx.xxx

Solution:

For some mailboxes MAPIHTTPEnabled value is Blank/Null, this causes error in "Sync data from Backend" and CASMailbox settings manipulation. Please run below script on Exchange PowerShell to set default value to True or False:

Code / PowerShell Script:

```
Get-CASMailbox -resultsizes unlimited | Where {$_.MAPIHTTPEnabled -eq $null} | Set-CASMailbox -MAPIHTTPEnabled $true
```

It may take time depending on number of mailboxes with Null value.

Once this is done, repeat / re-run the operation from panel that was previously failing.

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2. Problem in connecting to Outlook for MAPI Enabled, please review below KB and make changes as per requirement:

<https://kb.machsol.com/Knowledgebase/55746/Added-Setting-of-MAPIhttpEnabled-in-mailbox-features>

MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/55744/MachPanel-Build-v7220-Release-No...>