Details on Threads running under Threads Manager

Summary

This article provides information about the threads running through MachPanel.
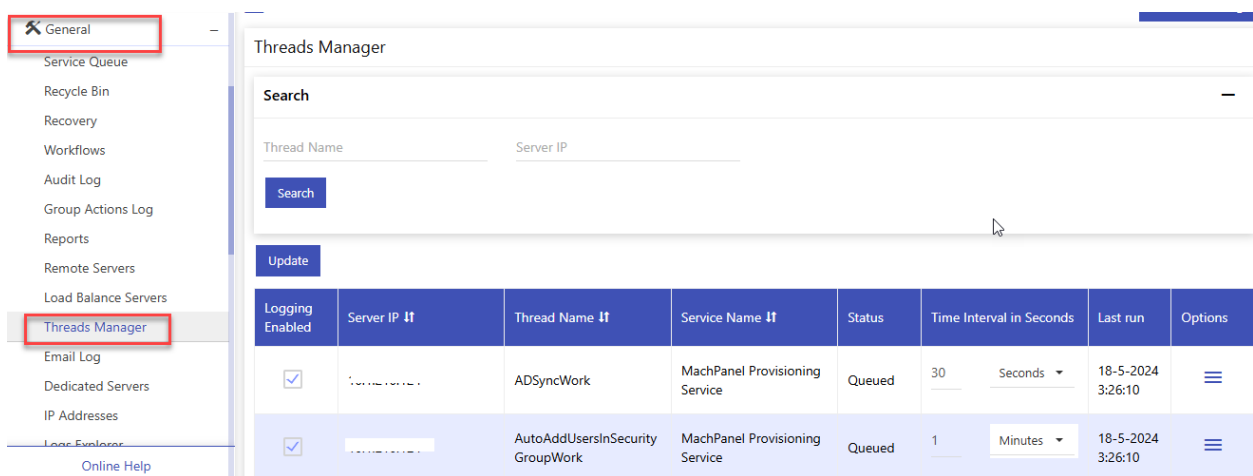
Applies To

Applies to MachPanel v7 and above.

Threads Details

In MachPanel, a thread is a process used to perform tasks concurrently. Threads within the MachPanel Control Server handle operations like:

- Provisioning new services

- Communicating with remote agents (e.g., Hyper-V, Exchange, etc.)

- Processing background jobs (e.g., usage reports, license updates)
- Performing scheduled tasks

To see the Threads, Navigate to **Service Director > General > Threads Manager**:
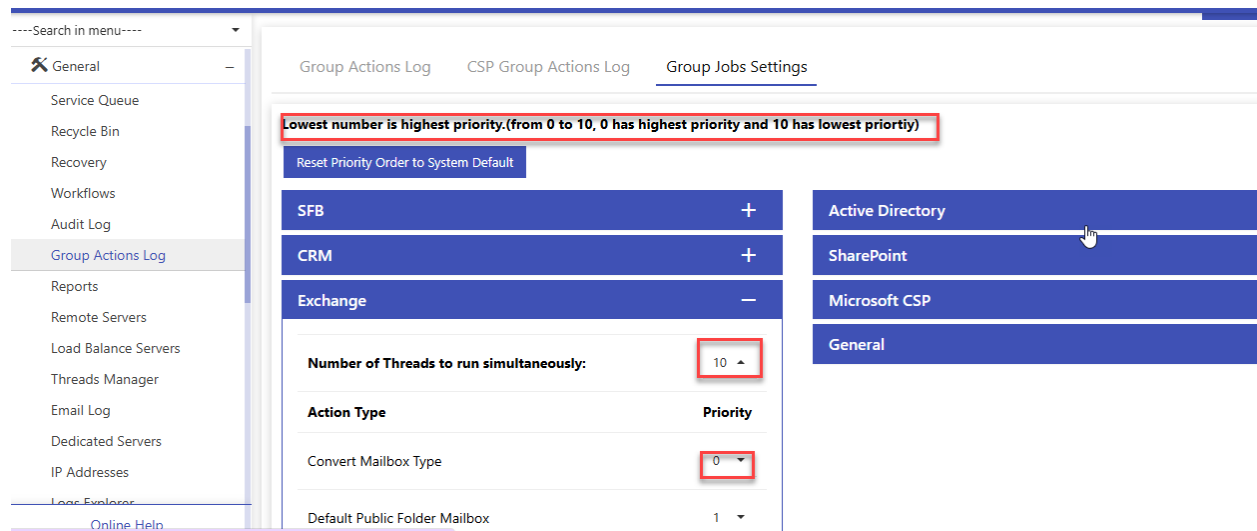

Under this interface it allows you to:

- Enable Logging

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o If checked, logs will be generated for the relevant thread on your MachPanel Control Server Logs folder **(C:\Program Files\MachSol\MachPanel Control Server\logs)**

- Update Time Interval.
- From the option you can 'Run' or 'Disable'.

You can also update number of threads to run simultaneously by navigating to **Service Director > General > Group Actions Logs** and then click **Group Job Settings**. Here you can increase the number of threads to run simultaneously and also you can set the priority of jobs as well (Lowest number is highest priority.(from 0 to 10, 0 has highest priority and 10 has lowest priority).

Below table provides information about the threads and its relevant tasks running under Threads Manager **(Service Director > General > Threads Manager)**.

Threads	Tasks
ADSyncWork	Legacy Thread for
AutoAddUsersInSecurityGroupWork	1. Adds users t 2. Handles cha 3. Sync all syst
AzureRateWork	1. Gets Azure i

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BandwidthQuotaWork	1. Sync Hostm
BBSyncWork	1. Sync BlackE
BillingWork	1. Processes co 2. Billing work Process Payr 3. Generates O 4. Generates S 5. Generates O
CallDataProcessWork	1. Process Lyn 2. Sync workfl
DiskQuotaWork	1. Sync Hostm
DomainNameDataSyncThread	1. Sync Domai
DomainVerification	1. Verify doma
ExchangeCPUMemoryStatsWork	1. Sync exchan
ExchangeDatabaseStatsWork	1. Sync exchan
ExchangeMailboxMobileDevicesReportWork	1. Create and f
ExchangeServiceStatsWork	1. Read server 2. Read server
ExchangeVolumeStatsWork	1. Read exchan
GroupActionWork	Legacy thread, not
GroupActionWorkAD	1. Process AD 2. Update AD

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	3. Sync AD Us 4. Disable AD 5. Rename and
GroupActionWorkCRM	1. Process CRM 2. Sync users f
GroupActionWorkEx	1. Process Exc 2. Creates pend 3. Assigns OW 4. Sync smart l 5. Auto correct 6. OSS Spam f 7. Delete Mail 8. Sync externa
GroupActionWorkGeneral	1. Process gene
GroupActionWorkLync	1. Process Lyn 2. Process call
GroupActionWorkMailBoxPermissions	1. Sync mailbo 2. Sync mailbo
GroupActionWorkSIP	1. Process SIP
GroupActionWorkSP	1. Process Shar
GroupActionWorkVPS	1. Process VPS 2. Update stora 3. Delete archi
HelpDeskCommand	1. Process Pop
HelpDeskWork	1. Process Pop 2. Remove del 3. Manage loch

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Thread	Description
HyperVHomeBackendThread	1. Sync Hyper 2. Sync Hyper 3. Sync server
IngramCancelNoticesWork	1. Send Ingram
LicenseWork	1. License wor
MailboxMigrationWork	1. Update mail
MailFlowReport	1. Update Exch
MonitoringWork	1. Process Net TCP, Web P
O365SyncAdminLogsWork	1. Sync O365 a
Office365SyncWork	1. Sync O365 t
Office365TenantFirstSyncWork	1. Send O365 t
Office365Work	1. Process O36 2. Handle/clear 3. Sync and ren 4. Renew O365 5. Handle subs
OverusageResourceNotification	1. Handle and s
PeerFileSyncWork	1. Used for Lo • 1.1.Sync sta • 1.2.Sync file
ProvisioningWork	1. Process serv

2.	Process Digi
3.	Generate O3
4.	Update Secti
5.	Process penc
6.	Update new
7.	Delete 90 da
8.	Delete 100 d
9.	Updates prir
10.	Update exch
11.	Update AD u
12.	Update AD u
13.	Update dom
14.	Update AD c
15.	Update SIP l
16.	Delete top 1
17.	Delete top 1
18.	Delete top 1
19.	Update blanl
20.	Update exch
21.	Work PPU
22.	Work Provis
23.	Sync mailbo
24.	Suspend exp
25.	Remove and
26.	Remove and
27.	Verify and c
28.	Merge Add-
29.	Send service
30.	Send VPS u
31.	Execute toda
32.	Execute toda
33.	Insert hosted
34.	Delete unver
35.	Apply bindir
36.	Set NSA reg
37.	Update Shar
38.	Update emp
39.	Sync subscri
40.	Remove orp
41.	Send recycle

	42. Send recove 43. Auto delete 44. Remove 2 m 45. Run configu 46. Sync AD us
QuotaOverUsedWork	1. Sync subscri 2. Mark subscr
RDSSyncWork	1. Get AD user
ReconciliateO365SubsWork	1. Sync O365 s
SendEmailCampaignWork	1. Process ema
SendEmailNotificationsWork	1. Process noti
ServerStatsWork	1. Sync server
SessionsMgtWork	1. Update sessi 2. Delete sessi
SyncADUsersWork	1. Sync all AD
SyncCSPOffers	1. Read CSP p
SyncFromBackendWork	1. Sync CRM 2. Sync ShareP 3. Sync AD co
SynchDNSRecordsWork	1. Read Hostm 2. Send domai
SyncHealthMetricsWork	1. Sync softwa
SyncLockedUsersWork	1. Sync all AD

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SyncMissingDataWork	1. Sync AD us 2. Sync Exchar
SyncStaffUsersWork	1. Sync employ
TransferWork	1. Process tran 2. Process Hos 3. Delete 90 da
UsageReportScheduleWork	1. Send enterpr
UsageReportWork	1. Read and cre 2. Generate Ac 3. Automatic d 4. Sync averag 5. Generate Sh 6. Calculate Ly 7. Remove orp
UserPasswordExpiryNotificationWork	1. Send notific
VoiceCurrentLimitSyncWork	1. Update Exte 2. Sync subscri 3. Sync compa 4. Delete all or
VoiceSyncWork	1. Sync all voi
VPSCPUMemoryStatsWork	Legacy, functional
VPSEventLogsStatsWork	Legacy, functional
VPSHypervisorStatsWork	Legacy, functional
VPSInventoryStatsWork	Legacy, functional

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VPSServicesStatsWork	Legacy, functional
VPSStorageStatsWork	Legacy, functional
WorkflowsThread	1. Process wor
WorkfolderSyncWork	1. Sync Workf

MachPanel Knowledgebase

https://kb.machsol.com/Knowledgebase/55787/Details-on-Threads-running-under...