Check Powershell modules

PS C:\Windows\system32> get-module -ListAvailable

Directory: C:\Program Files\WindowsPowerShell\Modules

ModuleType Version Name ExportedCommands

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Script 2.1.0 ITGlueAPI {Add-ITGlueAPIKey,...

Manifest 1.1.166.0 MSOnline {Get-MsolDevice, R...

Binary 1.0.0.1 PackageManagement {Find-Package, Get...

Script 1.0.0.1 PowerShellGet {Install-Module, F...

Directory: C:\Windows\system32\WindowsPowerShell\v1.0\Modules

ModuleType Version Name ExportedCommands

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Manifest 1.0.0.0 ActiveDirectory {Add-ADCentralAcce...

Manifest 2.0.0.0 AppLocker {Get-AppLockerFile...

Manifest 2.0.0.0 Appx {Add-AppxPackage, ...

Manifest 1.0 BestPractices {Get-BpaModel, Get...

Manifest 1.0.0.0 BitsTransfer {Add-BitsFile, Com...

Manifest 1.0.0.0 BranchCache {Add-BCDataCacheEx...

Manifest 1.0.0.0 CimCmdlets {Get-CimAssociated...

Manifest 2.0.0.0 DhcpServer {Add-DhcpServerInD...

Manifest 1.0.0.0 DirectAccessClientComponents {Disable-DAManualE...

Script 3.0 Dism {Add-AppxProvision...

Manifest 1.0.0.0 DnsClient {Resolve-DnsName, ...

Manifest 2.0.0.0 DnsServer {Add-DnsServerCond...

Manifest 2.0.0.0 International {Get-WinDefaultInp...

Manifest 1.0.0.0 iSCSI {Get-IscsiTargetPo...

Manifest 2.0.0.0 IscsiTarget {Add-ClusteriSCSIT...

Script 1.0.0.0 ISE {New-IseSnippet, I...

Manifest 1.0.0.0 Kds {Add-KdsRootKey, G...

Manifest 3.0.0.0 Microsoft.PowerShell.Diagnostics {Get-WinEvent, Get...

Manifest 3.0.0.0 Microsoft.PowerShell.Host {Start-Transcript,...

Manifest 3.1.0.0 Microsoft.PowerShell.Management {Add-Content, Clea...

Manifest 3.0.0.0 Microsoft.PowerShell.Security {Get-Acl, Set-Acl,...

Manifest 3.1.0.0 Microsoft.PowerShell.Utility {Format-List, Form...

Manifest 3.0.0.0 Microsoft.WSMan.Management {Disable-WSManCred...

Manifest 1.0 MMAgent {Disable-MMAgent, ...

Manifest 1.0.0.0 MsDtc {New-DtcDiagnostic...

Manifest 2.0.0.0 NetAdapter {Disable-NetAdapte...

Manifest 1.0.0.0 NetConnection {Get-NetConnection...

Manifest 1.0.0.0 NetEventPacketCapture {New-NetEventSessi...

Manifest 2.0.0.0 NetLbfo {Add-NetLbfoTeamMe...

Manifest 1.0.0.0 NetNat {Get-NetNat, Get-N...

Manifest 2.0.0.0 NetQos {Get-NetQosPolicy,...

Manifest 2.0.0.0 NetSecurity {Get-DAPolicyChang...

Manifest 1.0.0.0 NetSwitchTeam {New-NetSwitchTeam...

Manifest 1.0.0.0 NetTCPIP {Get-NetIPAddress,...

Manifest 1.0.0.0 NetworkConnectivityStatus {Get-DAConnectionS...

Manifest 1.0.0.0 NetworkTransition {Add-NetIPHttpsCer...

Manifest 1.0 NFS {Get-NfsMappedIden...

Manifest 1.0.0.0 PcsvDevice {Get-PcsvDevice, S...

Manifest 1.0.0.0 PKI {Add-CertificateEn...

Manifest 1.1 PrintManagement {Add-Printer, Add-...

Manifest 1.0 PSDesiredStateConfiguration {Set-DscLocalConfi...

Script 1.0.0.0 PSDiagnostics {Disable-PSTrace, ...

Binary 1.1.0.0 PSScheduledJob {New-JobTrigger, A...

Manifest 2.0.0.0 PSWorkflow {New-PSWorkflowExe...

Manifest 1.0.0.0 PSWorkflowUtility Invoke-AsWorkflow

Manifest 2.0.0.0 RemoteDesktop {Get-RDCertificate...

Manifest 1.0.0.0 ScheduledTasks {Get-ScheduledTask...

Manifest 2.0.0.0 SecureBoot {Confirm-SecureBoo...

Script 1.0.0.0 ServerCore {Get-DisplayResolu...

Script 2.0.0.0 ServerManager {Get-WindowsFeatur...

Cim 1.0.0.0 ServerManagerTasks {Get-SMCounterSamp...

Manifest 2.0.0.0 SmbShare {Get-SmbShare, Rem...

Manifest 2.0.0.0 SmbWitness {Get-SmbWitnessCli...

Manifest 2.0.0.0 SoftwareInventoryLogging {Get-SilComputer, ...

Script 0.0 SonusUX

Manifest 1.0.0.0 StartScreen {Export-StartLayou...

Manifest 2.0.0.0 Storage {Add-InitiatorIdTo...

Manifest 2.0.0.0 TLS {New-TlsSessionTic...

Manifest 1.0.0.0 TroubleshootingPack {Get-Troubleshooti...

Manifest 2.0.0.0 TrustedPlatformModule {Get-Tpm, Initiali...

Manifest 1.0.0.0 UserAccessLogging {Enable-Ual, Disab...

Manifest 2.0.0.0 VpnClient {Add-VpnConnection...

Manifest 1.0.0.0 Wdac {Get-OdbcDriver, S...

Manifest 1.0.0.0 WebAdministration {Start-WebCommitDe...

Manifest 2.0.0.0 Whea {Get-WheaMemoryPol...

Manifest 1.0.0.0 WindowsDeveloperLicense {Get-WindowsDevelo...

Script 1.0 WindowsErrorReporting {Enable-WindowsErr...

Manifest 2.0.0.0 WindowsFabric {Connect-WindowsFa...

Manifest 1.0.0.0 WindowsSearch {Get-WindowsSearch...

Manifest 1.0.0.0 WindowsServerBackup {Get-WBDisk, Get-W...

Directory: C:\Program Files\Common Files\Skype for Business Server

2015\Modules

ModuleType Version Name ExportedCommands

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Manifest 6.0.0.0 Lync

Manifest 6.0.0.0 SkypeForBusiness {Get-CsHybridAppli...

Directory: C:\Program Files (x86)\Microsoft SQL

Server\120\Tools\PowerShell\Modules

ModuleType Version Name ExportedCommands

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Manifest 1.0 SQLASCMDLETS {Add-RoleMember, B...

Manifest 1.0 SQLPS {Backup-SqlDatabas...

Directory: C:\Program Files\Landis Technologies LLC\SefaUtilServer\Modules

ModuleType Version Name ExportedCommands

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Binary 1.0.0.0 SefautilServerPowershell {Get-SefautilServe...

PS C:\Windows\system32> Get-InstalledModule

WARNING: Unable to download the list of available providers. Check your internet connection.

Version Name Type Repository Description

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1.1.166.0 MSOnline Module https://www.power... Microsoft Online Data Service (...

Check PowerShell version

PS C:\Windows\system32> $PSVersionTable

Name Value

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PSVersion 4.0

WSManStackVersion 3.0

SerializationVersion 1.1.0.1

CLRVersion 4.0.30319.36627

BuildVersion 6.3.9600.20719

PSCompatibleVersions {1.0, 2.0, 3.0, 4.0}

PSRemotingProtocolVersion 2.2

Check SfB Hybrid settings:

PS C:\Windows\system32> get-CSAccessEdgeConfiguration

Identity : Global

AllowAnonymousUsers : True

AllowFederatedUsers : True

AllowOutsideUsers : True

BeClearingHouse : False

EnablePartnerDiscovery : True

DiscoveredPartnerVerificationLevel : UseSourceVerification

EnableArchivingDisclaimer : True

EnableUserReplicator : False

KeepCrlsUpToDateForPeers : True

MarkSourceVerifiableOnOutgoingMessages : True

OutgoingTlsCountForFederatedPartners : 4

DnsSrvCacheRecordCount : 131072

DiscoveredPartnerStandardRate : 20

EnableDiscoveredPartnerContactsLimit : True

MaxContactsPerDiscoveredPartner : 1000

DiscoveredPartnerReportPeriodMinutes : 60

MaxAcceptedCertificatesStored : 1000

MaxRejectedCertificatesStored : 500

CertificatesDeletedPercentage : 20

SkypeSearchUrl : https://skypegraph.skype.com/search/v1.0

RoutingMethod : UseDnsSrvRouting

PS C:\Windows\system32> Get-CsHostingProvider | ?{ $\_.ProxyFqdn -eq "sipfed.online.lync.com" }

Identity : LyncOnline

Name : LyncOnline

ProxyFqdn : sipfed.online.lync.com

VerificationLevel : AlwaysUnverifiable

Enabled : True

EnabledSharedAddressSpace : False

HostsOCSUsers : False

IsLocal : False

AutodiscoverUrl :

PS C:\Windows\system32> Get-CsHostingProvider | ?{ $\_.ProxyFqdn -eq "sipfed.online.lync.com" } | Remove-CsHostingProvider

PS C:\Windows\system32> New-CsHostingProvider -Identity Office365 -ProxyFqdn "sipfed.online.lync.com" -Enabled $true -EnabledSharedAddressSpace $true -HostsOCSUsers $true -VerificationLevel UseSourceVerification -IsLocal $false -AutodiscoverUrl https://webdir.online.lync.com/Autodiscover/AutodiscoverService.svc/root

Identity : Office365

Name : Office365

ProxyFqdn : sipfed.online.lync.com

VerificationLevel : UseSourceVerification

Enabled : True

EnabledSharedAddressSpace : True

HostsOCSUsers : True

IsLocal : False

AutodiscoverUrl : https://webdir.online.lync.com/Autodiscover/AutodiscoverService.svc/root

PS C:\Windows\system32> Get-CsHostingProvider | ?{ $\_.ProxyFqdn -eq "sipfed.online.lync.com" }

Identity : Office365

Name : Office365

ProxyFqdn : sipfed.online.lync.com

VerificationLevel : UseSourceVerification

Enabled : True

EnabledSharedAddressSpace : True

HostsOCSUsers : True

IsLocal : False

AutodiscoverUrl : https://webdir.online.lync.com/Autodiscover/AutodiscoverService.svc/root

Check Teams Tenant Service Instance:

PS C:\WINDOWS\system32> Connect-MicrosoftTeams

Account Environment Tenant TenantId

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a\_stephenb@scenicrim.qld.gov.au AzureCloud a2b76b3b-b366-4f97-8997-31aee9bc8618 a2b76b3b-b366-4f97-8997-31aee9bc8618

PS C:\WINDOWS\system32> Get-CsTenant | ft ServiceInstance

ServiceInstance

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MicrosoftCommunicationsOnline/APAC-AU1-S1

Get Tenant Federation configuration

PS C:\WINDOWS\system32> get-CsTenantFederationConfiguration

Identity : Global

AllowedDomains : AllowAllKnownDomains

BlockedDomains : {}

AllowFederatedUsers : True

AllowPublicUsers : True

AllowTeamsConsumer : True

AllowTeamsConsumerInbound : True

TreatDiscoveredPartnersAsUnverified : False

SharedSipAddressSpace : False

RestrictTeamsConsumerToExternalUserProfiles : False

PS C:\WINDOWS\system32> Set-CsTenantFederationConfiguration -SharedSipAddressSpace $true

PS C:\WINDOWS\system32> get-CsTenantFederationConfiguration

Identity : Global

AllowedDomains : AllowAllKnownDomains

BlockedDomains : {}

AllowFederatedUsers : True

AllowPublicUsers : True

AllowTeamsConsumer : True

AllowTeamsConsumerInbound : True

TreatDiscoveredPartnersAsUnverified : False

SharedSipAddressSpace : True

RestrictTeamsConsumerToExternalUserProfiles : False

Test User’s Teams details before move:

PS C:\WINDOWS\system32> Get-CsOnlineUser -identity Skype.T@Scenicrim.qld.gov.au

AccountEnabled : True

AccountType : SfbOnPremUser

Alias : Skype.T

ApplicationAccessPolicy :

AssignedPlan : {MCOEV, Teams, MCOProfessional}

CallingLineIdentity :

City :

Company :

Country :

CountryAbbreviation :

Department :

DialPlan : AU

DisplayName : Skype Test

EnterpriseVoiceEnabled : True

ExternalAccessPolicy :

FeatureTypes : {PhoneSystem, Teams}

GivenName : Skype

HideFromAddressLists : False

HostingProvider : SRV:

Identity : 0e44eb14-172e-47eb-815c-72888247571c

InterpretedUserType : HybridOnPremSfBUserWithTeamsLicense

IsSipEnabled : True

LastName : Test

LastSyncTimeStamp : 14/09/2023 1:55:21 AM

LineUri : tel:+61755405689;ext=5689

LocationPolicy :

OnPremEnterpriseVoiceEnabled : True

OnPremHostingProvider : SRV:

OnPremLineUri : tel:+61755405689;ext=5689

OnPremOptionFlags : 385

OnPremSIPEnabled : True

OnPremSipAddress : sip:skype.t@scenicrim.qld.gov.au

OnlineAudioConferencingRoutingPolicy :

OnlineDialOutPolicy :

OnlineVoiceRoutingPolicy :

OnlineVoicemailPolicy :

OptionFlags : 128

OwnerUrn :

PostalCode :

PreferredDataLocation :

PreferredLanguage :

ProvisionedPlan : {MCOEV, MCOProfessional}

ProxyAddresses : {x500:/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0038861f0d274a5e8d2da4ccac7b02c5-0e44eb14-17,

X500:/o=Beaudesert Shire Council/ou=External (FYDIBOHF25SPDLT)/cn=Recipients/cn=450bf40b82a6429ea381284b23a200b3, smtp:Skype.T@srrc.onmicrosoft.com,

smtp:Skype.T@srrc.mail.onmicrosoft.com...}

RegistrarPool :

ServiceInstance : MicrosoftCommunicationsOnline/APAC-AU1-S1

ShadowProxyAddresses : {x500:/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=0038861f0d274a5e8d2da4ccac7b02c5-0e44eb14-17,

smtp:Skype.T@srrc.mail.onmicrosoft.com, sip:skype.t@scenicrim.qld.gov.au, SMTP:Skype.T@scenicrim.qld.gov.au}

SipAddress : sip:skype.t@scenicrim.qld.gov.au

SipProxyAddress : skype.t@scenicrim.qld.gov.au

SoftDeletionTimestamp :

StateOrProvince :

Street :

TeamsAppPermissionPolicy :

TeamsAppSetupPolicy :

TeamsAudioConferencingPolicy :

TeamsCallHoldPolicy :

TeamsCallParkPolicy :

TeamsCallingPolicy :

TeamsCarrierEmergencyCallRoutingPolicy :

TeamsChannelsPolicy :

TeamsComplianceRecordingPolicy :

TeamsCortanaPolicy :

TeamsEducationAssignmentsAppPolicy :

TeamsEmergencyCallRoutingPolicy :

TeamsEmergencyCallingPolicy :

TeamsEnhancedEncryptionPolicy :

TeamsEventsPolicy :

TeamsFeedbackPolicy :

TeamsFilesPolicy :

TeamsIPPhonePolicy :

TeamsMediaLoggingPolicy :

TeamsMeetingBrandingPolicy :

TeamsMeetingBroadcastPolicy :

TeamsMeetingPolicy :

TeamsMessagingPolicy :

TeamsMobilityPolicy :

TeamsNetworkRoamingPolicy :

TeamsNotificationAndFeedsPolicy :

TeamsOwnersPolicy :

TeamsRoomVideoTeleConferencingPolicy :

TeamsShiftsAppPolicy :

TeamsShiftsPolicy :

TeamsSurvivableBranchAppliancePolicy :

TeamsSyntheticAutomatedCallPolicy :

TeamsTargetingPolicy :

TeamsTasksPolicy :

TeamsTemplatePermissionPolicy :

TeamsUpdateManagementPolicy :

TeamsUpgradeEffectiveMode : Islands

TeamsUpgradeNotificationsEnabled : False

TeamsUpgradeOverridePolicy :

TeamsUpgradePolicy :

TeamsUpgradePolicyIsReadOnly : None

TeamsVdiPolicy :

TeamsVerticalPackagePolicy :

TeamsVideoInteropServicePolicy :

TeamsVoiceApplicationsPolicy :

TenantDialPlan :

TenantId : a2b76b3b-b366-4f97-8997-31aee9bc8618

Title :

UsageLocation : AU

UserDirSyncEnabled : True

UserPrincipalName : Skype.T@scenicrim.qld.gov.au

UserValidationErrors : {}

WhenChanged : 14/09/2023 1:55:22 AM

WhenCreated : 12/09/2023 6:50:59 AM

LastProvisionTimeStamps : {[UserAuthoredProps, 2023-09-13T00:56:40.9574127+00:00]}

LastPublishTimeStamps : {[ProvisionedPlanPublishAuthoredProps, 2023-09-13T00:56:45.2975586+00:00], [PublishUserCloudAttributesProcessor, 2023-09-12T06:51:13.0528198+00:00],

[UpdateBvdUserProcessor, 2023-09-13T00:56:44.0742111+00:00], [PublishProvisionedPlanProcessor, 2023-09-13T00:56:45.5631506+00:00]}