

Set-CsUser

Module: [SkypeForBusiness](#)

Applies to: Lync Server 2010, Lync Server 2013, Skype for Business Online, Skype for Business Server 2015, Skype for Business Server 2019

Modifies Skype for Business properties for an existing user account. Properties can be modified only for accounts that have been enabled for use with Skype for Business. This cmdlet was introduced in Lync Server 2010.

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PowerShell

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Set-CsUser

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[ -LineServerURI <String>]
[ -AudioVideoDisabled <Boolean>]
[ -RemoteCallControlTelephonyEnabled <Boolean>]
[ -PrivateLine <String>]
[ -AcpInfo <AcpInfo>]
[ -HostedVoiceMail <Boolean>]
[ -EnterpriseVoiceEnabled <Boolean>]
[ -ExchangeArchivingPolicy <ExchangeArchivingPolicyOptionsEnum>]
[ -LineURI <String>]
[ -SipAddress <String>]
[ -Enabled <Boolean>]
[ <CommonParameters>]
```


Description

The `Set-CsUser` cmdlet enables you to modify the Skype for Business related user account attributes that are stored in Active Directory Domain Services or modify a subset of Skype for Business online user attributes that are stored in Azure Active Directory. For example, you can disable or re-enable a user for Skype for Business Server; enable or disable a user for audio/video (A/V) communications; or modify a user's private line and line URI numbers. For Skype for Business online enable or disable a user for enterprise voice, hosted voicemail, or modify the user's on premise line uri. The `Set-CsUser` cmdlet can be used only for users who have been enabled for Skype for Business.

The only attributes you can modify using the `Set-CsUser` cmdlet are attributes related to Skype for Business. Other user account attributes, such as the user's job title or department, cannot be modified by using this cmdlet. Keep in mind, however, that the Skype for Business attributes should only be modified by using the `Set-CsUser` cmdlet or the Skype for Business Server Control Panel. You should not attempt to manually configure these attributes.


Examples

----- Example 1 ----- ----

PowerShell	 Copy
<pre>Set-CsUser -Identity "Pilar Ackerman" -EnterpriseVoiceEnabled \$True</pre>	


In Example 1, the `Set-CsUser` cmdlet is used to modify the user account with the Identity Pilar Ackerman. In this case, the account is modified to enable Enterprise Voice, the Microsoft implementation of VoIP. This task is carried out by adding the `EnterpriseVoiceEnabled` parameter, and then setting the parameter value to `$True`.

----- Example 2 ----- ----

PowerShell	 Copy
<pre>Get-CsUser -LdapFilter "Department=Finance" Set-CsUser - EnterpriseVoiceEnabled \$True</pre>	

In Example 2, all the users in the Finance department have their accounts enabled for Enterprise Voice. In this command, the `Get-CsUser` cmdlet and the `LdapFilter` parameter are first used to return a collection of all the users who work in the Finance department. That information is then piped to the `Set-CsUser` cmdlet, which enables Enterprise Voice for each account in the collection.

----- Example 3 -----

PowerShell	 Copy
<pre>Set-CsUser -Identity "Pilar Ackerman" -LineUri "tel:+123456789"</pre>	

In Example 3, the `Set-CsUser` cmdlet is used to modify the user account with the Identity Pilar Ackerman. In this case, the account is modified to set the phone number assigned to the user settings its `LineUri` property.

Parameters

-AcpInfo

Enables you to assign one or more third-party audio conferencing providers to a user. However, it is recommended that you use the `Set-CsUserAcp` cmdlet to assign Audio conferencing providers.

Type:	AcplInfo
Position:	Named
Default value:	None
Accept pipeline input:	False
Accept wildcard characters:	False
Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019

-AudioVideoDisabled

Indicates whether the user is allowed to make audio/visual (A/V) calls by using Skype for Business. If set to True, the user will largely be restricted to sending and receiving instant messages.

You cannot disable A/V communications if a user is currently enabled for remote call control, Enterprise Voice, and/or Internet Protocol private branch exchange (IP-PBX) soft phone routing.

Type:	Boolean
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-Confirm

Prompts you for confirmation before executing the command.

Type:	SwitchParameter
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Aliases:	cf
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-DomainController

Enables you to specify a domain controller to connect to when modifying a user account. If this parameter is not included then the cmdlet will use the first available

domain controller.

Type:	Fqdn
Position:	Named
Default value:	None
Accept pipeline input:	False
Accept wildcard characters:	False
Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019

-Enabled

Indicates whether or not the user has been enabled for Skype for Business Server. If you set this value to False, the user will no longer be able to log on to Skype for Business Server; setting this value to True re-enables the user's logon privileges.

If you disable an account by using the Enabled parameter, the information associated with that account (including assigned policies and whether or not the user is enabled for Enterprise Voice and/or remote call control) is retained. If you later re-enable the account by using the Enabled parameter, the associated account information will be restored. This differs from using the `Disable-CsUser` cmdlet to disable a user account. When you run the `Disable-CsUser` cmdlet, all the Skype for Business Server data associated with that account is deleted.

Type:	Boolean
Aliases:	CsEnabled
Position:	Named
Default value:	None
Accept pipeline input:	False
Accept wildcard characters:	False
Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019

-EnterpriseVoiceEnabled

Indicates whether the user has been enabled for Enterprise Voice, which is the Microsoft implementation of Voice over Internet Protocol (VoIP). With Enterprise Voice, users can make telephone calls using the Internet rather than using the standard telephone network.

Type:	Boolean
Position:	Named
Default value:	None
Accept pipeline input:	False
Accept wildcard characters:	False
Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Online, Skype for Business Server 2015, Skype for Business Server 2019

-ExchangeArchivingPolicy

Indicates where the user's instant messaging sessions are archived. Allowed values are:

Uninitialized

UseLyncArchivingPolicy

ArchivingToExchange

NoArchiving

Type:	ExchangeArchivingPolicyOptionsEnum
Position:	Named
Default value:	None
Accept pipeline input:	False
Accept wildcard characters:	False

Applies to: Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019

-HostedVoiceMail

When set to True, enables a user's voice mail calls to be routed to a hosted version of Microsoft Exchange Server. In addition, setting this option to True enables Skype for Business users to directly place a call to another user's voice mail.

Type:	Boolean
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Online, Skype for Business Server 2015, Skype for Business Server 2019
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-Identity

Indicates the Identity of the user account to be modified. User Identities can be specified using one of four formats: 1) the user's SIP address; 2) the user's user principal name (UPN); 3) the user's domain name and logon name, in the form domain\logon (for example, litwareinc\kenmyer) and 4) the user's Active Directory display name (for example, Ken Myer). User Identities can also be referenced by using the user's Active Directory distinguished name.

You can use the asterisk (*) wildcard character when using the display name as the user Identity. For example, the Identity "Smith" returns all the users who have a display name that ends with the string value " Smith".

Type:	UserIdParameter
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Position:	1
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Default value:	None
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Accept pipeline input:	True
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Online, Skype for Business Server 2015, Skype for Business Server 2019
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-LineServerURI

The URI of the remote call control telephone gateway assigned to the user. The LineServerUri is the gateway URI, prefaced by "sip:". For example:
sip:rccgateway@litwareinc.com

Type:	String
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-LineURI

Phone number assigned to the user. The line Uniform Resource Identifier (URI) must be specified using the E.164 format and use the "TEL:" prefix. For example:
TEL:+14255551297. Any extension number should be added to the end of the line URI, for example: TEL:+14255551297;ext=51297.

It is important to note that Skype for Business Server treats TEL:+14255551297 and TEL:+14255551297;ext=51297 as two different numbers. If you assign Ken Myer the line URI TEL:+14255551297 and later try to assign Pilar Ackerman the line URI TEL:+14255551297;ext=51297, that assignment will succeed; the number assigned to Pilar will not be flagged as a duplicate number. This is due to the fact that, depending on your setup, those two numbers could actually be different. For example, in some organizations dialing 1-425-555-1297 routes your call to an Exchange Auto Attendant. Conversely, dialing just the extension (51297) or using Skype for Business to dial the number 1-425-555-1297 extension 51297 will route your call directly to the user.

Note: Extension should be part of the E164 Number. For example if you have 5 digit Extensions then the last 5 digits of the E164 Number should always match the 5 digit extension TEL:+14255551297;ext=51297

Type:	String
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-OnPremLineURI

Specifies the phone number assigned to the user if no number is assigned to that user in the Skype for Business hybrid environment. The line Uniform Resource Identifier (URI) must be specified using the E.164 format and use the "TEL:" prefix. For example: TEL:+14255551297. Any extension number should be added to the end of the line URI, for example: TEL:+14255551297;ext=51297.

Note that Skype for Business treats TEL:+14255551297 and TEL:+14255551297;ext=51297 as two different numbers. If you assign Ken Myer the line URI TEL:+14255551297 and later try to assign Pilar Ackerman the line URI TEL:+14255551297;ext=51297, that assignment will succeed. Depending on your setup, those two numbers could actually be different. For example, in some organizations dialing 1-425-555-1297 routes your call to an Exchange Auto Attendant. Conversely, dialing just the extension (51297) or using Skype for Business to dial the number 1-425-555-1297 extension 51297 will route your call directly to the user.

Type:	String
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Skype for Business Online
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-PassThru

Enables you to pass a user object through the pipeline that represents the user whose account is being modified. By default, the `Set-Csuser` cmdlet does not pass objects through the pipeline.

Type:	SwitchParameter
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-PrivateLine

Phone number for the user's private telephone line. A private line is a phone number that is not published in Active Directory Domain Services and, as a result, is not readily available to other people. In addition, this private line bypasses most inbound call routing rules; for example, a call to a private line will not be forwarded to a person's delegates. Private lines are often used for personal phone calls or for business calls that should be kept separate from other team members.

The private line value should be specified using the E.164 format, and be prefixed by the "TEL:" prefix. For example: TEL:+14255551297.

Type:	String
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-RemoteCallControlTelephonyEnabled

Indicates whether the user has been enabled for remote call control telephony. When enabled for remote call control, a user can employ Skype for Business to answer phone calls made to his or her desk phone. Phone calls can also be made using Skype for Business. These calls all rely on the standard telephone network, also known as the public switched telephone network (PSTN). To make and receive phone calls over the Internet, the user must be enabled for Enterprise Voice. For details, see the parameter EnterpriseVoiceEnabled.

To be enabled for remote call control, a user must have both a LineUri and a LineServerUri.

Type:	Boolean
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-SipAddress

Unique identifier (similar to an email address) that allows the user to communicate using SIP devices such as Skype for Business. The SIP address must use the sip: prefix as well as a valid SIP domain; for example: -SipAddress

sip:kenmyer@litwareinc.com.

Type:	String
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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-WhatIf

Describes what would happen if you executed the command without actually executing the command.

Type:	SwitchParameter
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Aliases:	wi
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Position:	Named
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Default value:	None
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Accept pipeline input:	False
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Accept wildcard characters:	False
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Applies to:	Lync Server 2010, Lync Server 2013, Skype for Business Server 2015, Skype for Business Server 2019
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Inputs

String or Microsoft.Rtc.Management.ADConnect.Schema.ADUser object. The `set-csuser` cmdlet accepts a pipelined string value representing the Identity of a user account that has been enabled for Skype for Business Server. The cmdlet also accepts pipelined instances of the Active Directory user object.

Outputs

The `Set-CsUser` cmdlet does not return any objects.

Related Links

- [Disable-CsUser](#)

- [Enable-CsUser](#)
 - [Get-CsUser](#)
 - [Move-CsUser](#)
 - [Get-CsOnlineUser](#)
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 Yes  No
