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## How Can I Configure the Telephony Options for a User?

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For the most part, there's a pretty close tie between the items found in the Lync Server Control Panel and the parameters and property values used in Microsoft Lync Server 2010's implementation of Windows PowerShell. For example, take a look at the following table, which compares the item labels used in the **Edit Meeting Configuration** dialog in the Control Panel with their Windows PowerShell equivalents:







Control Panel Labels	Windows PowerShell Properties/Parameters
PSTN callers bypass lobby	PstnCallersBypassLobby
Designate as presenter	DesignateAsPresenter
Assigned conference type by default	Assigned Conference Type By Default
Admit anonymous users by default	AdmitAnonymousUsersByDefault

Can't get much closer than that, can you?

At any rate, we – what's that? Well, yes, we did say that *for the most part* there's a pretty close tie between the items found in the Lync Server Control Panel and the parameters and property values used in Microsoft Lync Server 2010's implementation of Windows PowerShell. So does that mean that there are exceptions to that general rule? Well, to be perfectly honest, yes, there are. For the most part, though, those exceptions aren't worth losing any sleep over.

Right, we *did* use the phrase "for the most part" again, didn't we? We should probably stop doing that; it just creates more work on our end.

OK, as it turns out there is at least one important area in which the values shown in the Control Panel and the corresponding PowerShell properties and parameters don't match up very well: telephony. If you create or modify a user account using the Control Panel you'll see the following telephony options:

Audio/Video disabled

PC-to-PC only

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**Enterprise Voice** 

Remote call control

And if you look at the PowerShell parameters for the **Set-CsUser** cmdlet you'll see parameter names like these:

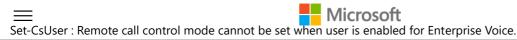
- -Audio Video Disabled
- -IPPBXSoftPhoneRoutingEnabled
- -RemoteCallControlTelephonyEnabled
- -EnterpriseVoiceEnabled

OK, at first glance that doesn't look *too* terribly bad, even though Control Panel doesn't seem to have an option corresponding to **–IPPBXSoftPhoneRoutingEnabled**. Oh, and PowerShell doesn't seem to have a parameter that goes along with Control Panel's **PC-to-PC only** option. That's bad. Even badder, however is the fact that you can immediately run into problems if you actually try to *use* one of these PowerShell parameters to modify the telephony options for a user. For example, suppose Ken Myer has been enabled for Enterprise Voice, and you'd now like to make a change and enable him for Remote Call Control instead. You might think the following command would do the trick:

Set-CsUser "Ken Myer" –RemoteCallControlTelephonyEnabled \$True

But you would be wrong:

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At line:1 char:11

- + set-csuser <<<< "Ken Myer" -RemoteCallControlTelephonyEnabled \$True
- + CategoryInfo : InvalidOperation: (CN=Ken Myer,OU=V\_ou,DC=Vdomain,DC=com:OCSADUser)

[Set-CsUser], ManagementException

+ Fully Qualified Error Id: Set CSUser, Microsoft. Rtc. Management. AD. Cmdlets. Set Ocs User Cmdlet

As it turns out, you can't enable Ken Myer for Remote Call Control if he's currently enabled for Enterprise Voice (or vice-versa). In fact, there's a fairly complex little matrix of parameters and parameter values that must be used in order to configure the telephony options for a user.

Good point: if only *someone* could show us those parameters and parameter values, and then show how those things relate to the telephony options found in the Control Panel. You know, if only someone could put together a table like this one:





Control Panel option	IPPBXSoftPhone RoutingEnabled	Audio Video Disabled	RemoteCallControl TelephonyEnabled	EnterpriseVoice Enabled
Audio/video disabled	\$False	\$True	\$False	\$False
PC-to-PC only	\$False	\$False	\$False	\$False
Enterprise Voice	\$False or \$True	\$False	\$False	\$True
Remote call control	\$False	\$False	\$True	\$False

Hey, we told you it was a little complicated, didn't we? But here's the deal: if you want to set Ken Myer's telephony option to **Audio/video disabled** you need to use the preceding table to construct a command like this one:

Set-CsUser "Ken Myer" –AudioVideoDisabled \$True –RemoteCallControlTelephonyEnabled \$False – IPPBXSoftPhoneRoutingEnabled \$False –EnterpriseVoiceEnabled \$False

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parameters. But the above command will <i>always</i> set Ken's telephony option to Audio/video disabled, regardless of how his account is currently set up.
regardless of flow his account is currently set up.
The trick here? Set the –AudioVideoDisabled parameter to \$True and everything else to \$False.
Want to set Ken's account to <b>PC-to-PC only</b> ? Then use this command:
Set-CsUs
☐ 0 Likes ☐ Share
X
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and sign in.
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and
sign in.
sign in.
sign in.
sign in.  Comment  Comment
You must be a registered user to add a comment. If you've already registered, sign in.  Sign in.  Comment  What's new
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and sign in.  Comment  What's new  Microsoft Store
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and sign in.  Comment  What's new  Microsoft Store  Education
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and sign in.  Comment  What's new   Microsoft Store   Education   Enterprise   Enterprise   Tyou've already registered, sign in. Otherwise, register and sign in. Otherwise, register and sign in.
You must be a registered user to add a comment. If you've already registered, sign in. Otherwise, register and sign in.  Comment  What's new  Microsoft Store  Education  Enterprise  Developer