



Skype for Business Busy On Busy

Thomas Poett - Skype4b MVP

Business Unit Leader Skype for Business – Westcon UCC

General statement BoB

The command looks fine and as you said BoB works when the user is homed to the pool.

The issue is that the BoB feature is part of CU3 for SfB.

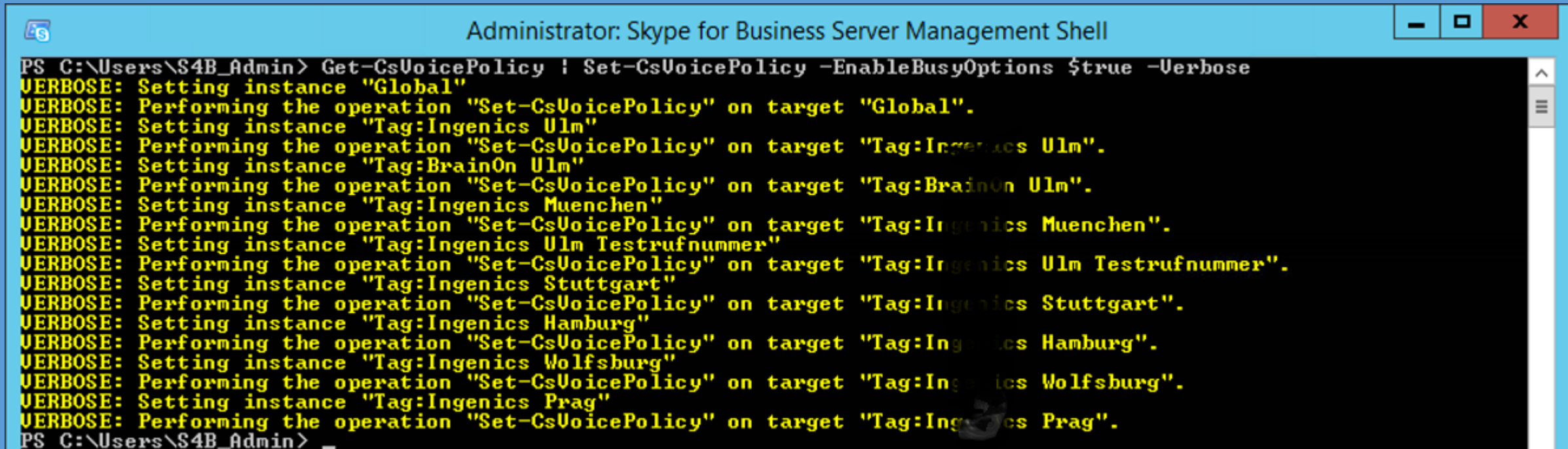
Not 2013 and definitely not the registrar/mediation server of an SBA.

The SfB SBA should be available soon from Sonus.

I don't know if it will work for sure, but it has a better chance of working since it is an SfB image

Where Busy on Busy is defined

- Busy On Busy is based on Voice Policies
- I can be assigned global, sites and user



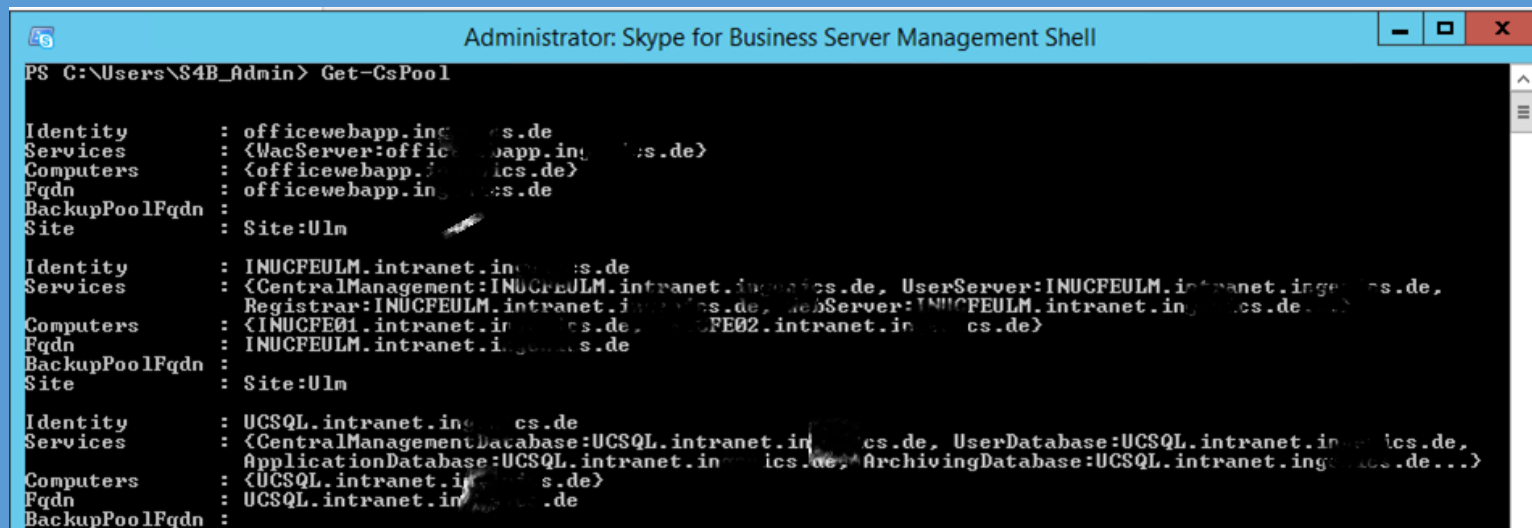
```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Get-CsVoicePolicy | Set-CsVoicePolicy -EnableBusyOptions $true -Verbose
VERBOSE: Setting instance "Global"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Global".
VERBOSE: Setting instance "Tag:Ingenics Ulm"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Ulm".
VERBOSE: Setting instance "Tag:BrainOn Ulm"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:BrainOn Ulm".
VERBOSE: Setting instance "Tag:Ingenics Muenchen"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Muenchen".
VERBOSE: Setting instance "Tag:Ingenics Ulm Testrufnummer"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Ulm Testrufnummer".
VERBOSE: Setting instance "Tag:Ingenics Stuttgart"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Stuttgart".
VERBOSE: Setting instance "Tag:Ingenics Hamburg"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Hamburg".
VERBOSE: Setting instance "Tag:Ingenics Wolfsburg"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Wolfsburg".
VERBOSE: Setting instance "Tag:Ingenics Prag"
VERBOSE: Performing the operation "Set-CsVoicePolicy" on target "Tag:Ingenics Prag".
PS C:\Users\S4B_Admin> _
```

Identify your Pool and Registrars and activate

Get-CsPool

Note:

BusyOnBusy is only available on Frontend Pool (EE, SE), not on SBAs



```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Get-CsPool

Identity      : officewebapp.intranet.ingolabs.de
Services      : <WacServer:officewebapp.intranet.ingolabs.de>
Computers     : <officewebapp.intranet.ingolabs.de>
Fqdn          : officewebapp.intranet.ingolabs.de
BackupPoolFqdn :
Site          : Site:Ulm

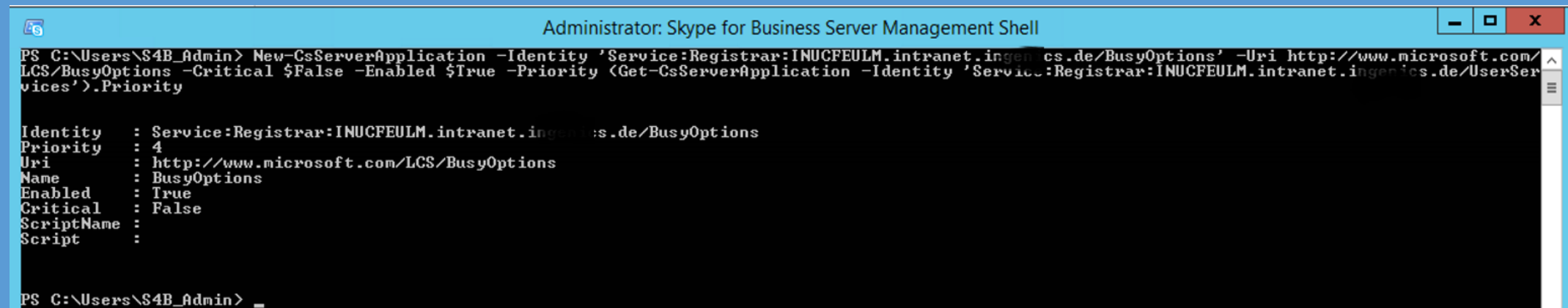
Identity      : INUCFEULM.intranet.ingolabs.de
Services      : <CentralManagementDatabase:INUCFEULM.intranet.ingolabs.de, UserServer:INUCFEULM.intranet.ingolabs.de,
Registrar:INUCFEULM.intranet.ingolabs.de, WebServer:INUCFEULM.intranet.ingolabs.de...>
Computers     : <INUCFE01.intranet.ingolabs.de, INUCFE02.intranet.ingolabs.de>
Fqdn          : INUCFEULM.intranet.ingolabs.de
BackupPoolFqdn :
Site          : Site:Ulm

Identity      : UCSQL.intranet.ingolabs.de
Services      : <CentralManagementDatabase:UCSQL.intranet.ingolabs.de, UserDatabase:UCSQL.intranet.ingolabs.de,
ApplicationDatabase:UCSQL.intranet.ingolabs.de, ArchivingDatabase:UCSQL.intranet.ingolabs.de...>
Computers     : <UCSQL.intranet.ingolabs.de>
Fqdn          : UCSQL.intranet.ingolabs.de
BackupPoolFqdn :
```

Enable the BusyOnBusy Server Application

```
New-CsServerApplication -Identity  
'Service:Registrar:%FQDN%/BusyOptions' -Uri  
http://www.microsoft.com/LCS/BusyOptions -Critical $False -Enabled  
$True -Priority (Get-CsServerApplication -Identity  
'Service:Registrar:%FQDN%/UserServices').Priority
```

%FQDN%, Pools FQDN: (only SfB 2015), *SfBFEPool01.domain.local*



```
Administrator: Skype for Business Server Management Shell  
PS C:\Users\S4B_Admin> New-CsServerApplication -Identity 'Service:Registrar:INUCFEULM.intranet.ingenics.de/BusyOptions' -Uri http://www.microsoft.com/  
LCS/BusyOptions -Critical $False -Enabled $True -Priority (Get-CsServerApplication -Identity 'Service:Registrar:INUCFEULM.intranet.ingenics.de/UserSer  
vices').Priority  
  
Identity      : Service:Registrar:INUCFEULM.intranet.ingenics.de/BusyOptions  
Priority      : 4  
Uri           : http://www.microsoft.com/LCS/BusyOptions  
Name          : BusyOptions  
Enabled       : True  
Critical      : False  
ScriptName    :  
Script        :  
  
PS C:\Users\S4B_Admin> _
```

Get-CsServerApplication

```
Select Administrator: Skype for B
Identity : Service:Registrar:INUCFEULM.intranet.ingenics.de/XmppListener
Priority : 3
Uri      : http://www.microsoft.com/LCS/XmppListener
Name     : XmppListener
Enabled  : True
Critical : False
ScriptName :
Script   :

Identity : Service:Registrar:INUCFEULM.intranet.ingenics.de/BusyOptions
Priority : 4
Uri      : http://www.microsoft.com/LCS/BusyOptions
Name     : BusyOptions
Enabled  : True
Critical : False
ScriptName :
Script   :
```

Now you must **update the Role-based access control (RBAC)** roles for the BusyOptions cmdlets.

To do this run the following:
Update-CSAdminRole

The Admin Role update adds three commandlets. Get, Set and Remove-CsBusyOptions. The verbs should be self explanatory.

```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Update-CsAdminRole
PS C:\Users\S4B_Admin> _
```

A little false positive

Get-CsBusyOnBusy on non-configured users issue a failure

```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Get-CsBusyOptions -Identity "Czekalla Thomas"
Get-CsBusyOptions : The Busy Options are missing for Identity "Czekalla Thomas".
At line:1 char:1
+ Get-CsBusyOptions -Identity "Czekalla Thomas"
+ ~~~~~
+ CategoryInfo          : InvalidOperation: (:) [Get-CsBusyOptions], BobException
+ FullyQualifiedErrorId : Microsoft.Rtc.Management.Bob.Cmdlets.BobGetConfigurationCmdlet
PS C:\Users\S4B_Admin> _
```


BoB Target Configuration

- Busy On Busy

```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Set-CsBusyOptions -Identity "Czekalla Thomas" -ActionType BusyOnBusy -Verbose
VERBOSE: CN=Czekalla Thomas,OU=IT,OU=Administration,OU=ING,OU=03 Benutzerkonten,DC=intranet,DC=ingenics,DC=de
VERBOSE: Performing the operation "Set-CsBusyOptions" on target "Update Busy Options with Identity 'Czekalla Thomas'.".

Identity      : sip:Thomas.Czekalla@ingenics.de
ActionType    : BusyOnBusy

PS C:\Users\S4B_Admin> _
```

- VoiceMail On Busy

```
Administrator: Skype for Business Server Management Shell
PS C:\Users\S4B_Admin> Set-CsBusyOptions -Identity "Schoen Michael" -ActionType VoicemailOnBusy -Verbose
VERBOSE: CN=Schoen Michael,OU=IT,OU=Administration,OU=ING,OU=03 Benutzerkonten,DC=intranet,DC=ingenics,DC=de
VERBOSE: Performing the operation "Set-CsBusyOptions" on target "Update Busy Options with Identity 'Schoen Michael'.".

Identity      : sip:michael.schoen@ingenics.de
ActionType    : VoicemailOnBusy

PS C:\Users\S4B_Admin> _
```


Drop by Ignite Sessions and IT Booth

**Walk-In Termin : Ich bin auf dem Stand von IR (Integrated Research) zu finden.
Booth Number (2348)**

Session Code: THR2074

Title: **Practice solution selling with Office 365 and Skype for Business**

Room: Expo Theater 2

Time Slot: Wednesday, September 28, 2016 11:05 AM - 11:25 AM

Session Code: THR3043

Title: **Hubtalk: moving forward with Office 365 and Skype for Business**

Room: MVP Hub Talk 1

Time Slot: Wednesday, September 28, 2016 5:35 PM - 5:55 PM
Tuesday, September 27, 2016 2:50 PM - 3:10 PM