Lync Federation Guide



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ZOOM Supported Microsoft Lync Environment

Zoom unifies cloud video conferencing, simple online meetings, group messaging, and a software-defined conference room solution into one easy-to-use platform. Our solution offers the best video, audio, and wireless screen-sharing experience and supports integration between Microsoft Lync, Skype for Business and H.323/SIP room systems in enterprise and company-to company environments.

Supported Lync/Skype for Business Environments:

Lync 2010 Lync 2013 Office365



Skype for Business

 Supported Lync/Skype for Business clients: Lync 2010 Windows client
 Lync 2013 Windows client
 Lync 2011 Mac client
 Skype for Business 2015
 Skype for Business 2016

Federation Checklist

1. Enable Lync on ZOOM account.

Lync can be enabled by your ZOOM Administrator through the ZOOM Account Feature interface. If your Lync deployment is not configured as Open Federation, you will need to add lync.zoom.us into the list of federated partners.

- 2. Enable your local environment for the federation
 - > Ensure you have a publicly issued certificate installed on the Edge server.
 - Ensure firewall allows following ports to/from ZOOM's IP space: <u>https://support.zoom.us/hc/en-us/articles/360044762091</u>
 - > Ensure the SRV record has been updated for your Lync domain.

Federation for Lync 2013

For the initialization of the federation between Lync server 2013 and ZOOM, follow the steps as below:

1. Login to the Lync Front End or Standard Edition Server and open the Lync Control Panel by going to Start -> All Programs -> Microsoft Lync Server 2013 > Lync Server ->Control Panel.





Figure 1 – Access Lync Server Control Panel (in Windows 2013 Server) 2. On the Lync server control panel enable federation at a global level by going to: Federation and External Access -> External Access Policy and seeing if Federated User Access is checked (shown in Figure 2). If not, enable Federated user access by clicking on Edit -> Show Details and check Enable Communications with Federated users.

million .			Microsoft Lync Serve	er 2013 Control Pane	3	Here Break
Ly	nc Server 2013		-			Administrator Sign out 5.0.6308.0 Privacy statement
	Home	External Access Policy	Access Edge Configuration	SIP Federated Domains	SIP Federated Providers	XMPP Federated Partners
33	Users	1				
25	Topology			٩		
Ģ	IM and Presence	🌩 New 🔻 🥖 Ed	t 🔻 📿 Polyath			0
2	Persistent Chat	Name - S	cope Federated user acce	ss Remote user acces	s Public provider acce	55
G	Voice Routing	Global C	lobal 🗸	1	7	
¢	Voice Features					
23,	Response Groups					
9	Conferencing					
5	Clients					
諸	Federation and External Access					
	Monitoring and Archiving					

Figure 2 – External Access Policy

3. To enable federation at a system level, select Access Edge Configuration from the top navigation. 4. See Figure 3, under Edit Access Edge Configuration: Select Enable federation and Enable partner domain discovery. If your company does not allow **Open Federation**, keep "Enable partner domain discovery" unchecked and go to Step 5.



Figure 3 – Access Edge Configuration

5. To add the ZOOM Lync domain, go to SIP Federated Domains from top navigation. 6. Now add a new domain pointing to lync.zoom.us and an edge server pointing to sip.lync.zoom.us FQDN, as shown in Figure 4.



2	Microsoft Lync Server 2013 Control Panel	-	
Lync Server 2013		Administrati	or Sign o
Home	Edential Access Policy Access Edge Configuration SP Historiad Domains SIP Federated Providers	XMPP Federated Partners	
2 Users			_
M Topology	Edit SID Sederated Domains - lync.bluejeans.com		
IM and Presence	Commit X Cancel		0
Persistent Chat	Allowed domain		
😍 Voice Routing	Jync.zoom.us		
📞 Voice Features	Access Edge service (FQDN):		
2 Response Groups	sip.lync.zoom.us		
Conferencing	Comment:		
Clients	lync.zoom.us		
Federation and External Access			
Monitoring and Archiving			
A Security			
P Network Configuration			



Federation for Office365 Enterprise (E Plans)

For the initialization of the federation between your Office365 and ZOOM, follow the steps as below:

1. Login to the Office365 portal as an Admin and access the Lync Settings by clicking on Manage under Lync settings.



Figure 5 – Manage Lync Settings

2. On the Lync Online Control Panel, ensure Domain federation is set to Enabled. If it is disabled, go to Domain Federation -> Edit (shown in Figure 6) and then enable federation by selecting either Turn on external communications with all except blocked domains (Open



Federation) and go to Step 5 or Turn off external communications with all except allowed domains, in which case you need to allow the specified ZOOM Lync domain and go to Step 3.



Figure 6 – Domain Federation Mode

3. If the option to Turn off external communications with all except allowed domains was selected, add the ZOOM Lync domain by clicking on add a domain and entering the domain with lync.zoom.us as shown in Figure 7.

Lync Online Control Panel Overview Users External communicat	ions Presence and notifications
Other organizations that use Lyr when you turn on external communications, you can define messages, audio/video calls, and file transfers, and to avoid	Allow or block a domain
Domain federation mode: Turned off for all domains e To allow a domain, for the some Public IM service providers.	Type the domain name of an organization that uses Lync with which you want to allow incoming and outgoing communication. Domain name: lync.zoom.us
You can list users in the domains that you've set up with Mich Public IM connectivity mode. Disabled Bruttle	OK Cancel

Figure 7 – Add a Domain

4. Once enabled, the domain will show up as allowed on the Domain Federation tab. As the figure below:

Lync Online Control Pan	el
Overview Users external o	communications Presence and notifications
Other organizations that	use Lync.
When you turn on external communications, you messages, audio/video calls, and file transfers, more	u can define which specific organizations that use Lync you want to and to avoid unsolicited incoming communication. Allow domains
Domain federation mode:	I domains except allowed domanne Edit
Add domain Remove domain	
Domain name 🔺	Status
lync.zoom.us	Allowed

Figure 8 – External Communications: Domain added



5. Ensure each user is setup for Lync Federation calls by going to Users -> Edit User

Settings, select a user and ensure the Lync Users in other organizations box is checked. AS Figure 9:



Figure 9 – Lync Users in other organizations

Federation for Office365 Small Business (P Plans)

Microsoft Office365 Small Business Plans (P1/P2 Plan) are by default set to **Open Federation**. For the initialization of the federation between your Office365 and ZOOM, follow the steps as below:

1. Login in your Office365 online portal as an Admin and click on General Settings under Lync.



Figure 10 – Office365 General Settings

2. Ensure External Communications is set to Enabled on the Lync Online Control Panel.



Microsoft Online Services

More information on Federation

- Microsoft's online documents:

Lync2013: https://technet.microsoft.com/en-us/library/gg520966.aspx

- How to contact support at ZOOM

At <u>https://support.zoom.us/hc/en-us</u>, You can raise any questions you have about Federation with ZOOM.