

Note: Please replace the RPX ID (**1234567890**) in the following script examples with the actual RPX ID

5. Enable Call Routing for Users

- Use PowerShell to connect to Skype for Business Online.
- Configure user's phone number and enable enterprise voice and voicemail. Example:

```
Set-CsPhoneNumberAssignment -Identity adamfowler@contoso.com -PhoneNumber +18005551212 -PhoneNumberType DirectRouting
```

- Assign the voice routing policy to the user.

```
Set-CsPhoneNumberAssignment -Identity "username" -EnterpriseVoiceEnabled $true
```

6. Enable International Dialing for Users

Complete the following steps to set up International dialing rules for users:

- Use PowerShell to connect to Skype for Business Online.
- Create the international dialing translation rule:

```
New-CsTeamsTranslationRule -Identity 'StripPlus1' -Pattern '^+1(\d{10})$' -Translation '$1'
```

- Assign the rule to the Momentum gateways:

```
Set-CsOnlinePSTNGateway -Identity '1234567890.atl01.teams.mytm.us' -OutboundPSTNNumberTranslationRules 'Momentum_International', 'StripPlus1'
```

```
Set-CsOnlinePSTNGateway -Identity '1234567890.phl02.teams.mytm.us' - OutboundPSTNNumberTranslationRules 'Momentum_International', 'StripPlus1'
```

- Run a quick check on the gateway configurations to ensure the rules are assigned correctly to "OutboundPSTNNumberTranslationRules" for both:
These changes may take up to 48 hours to propagate.

```
Get-CsOnlinePSTNGateway -Identity '1234567890.atl01.teams.mytm.us'
Get-CsOnlinePSTNGateway -Identity '1234567890.phl02.teams.mytm.us'
```

- To speed up propagation, one can **disable** and then enable gateways in the Teams Admin Center or via PowerShell using the following commands:

```
Set-CsOnlinePSTNGateway -Identity '1234567890.atl01.teams.mytm.us' -Enabled $false
Set-CsOnlinePSTNGateway -Identity '1234567890.phl02.teams.mytm.us' -Enabled $false
```

Note: As a precaution consider running these 'disable' commands after hours.

Live calls will not drop but new calls will be prevented from using the gateway while it is disabled.

Wait a few minutes and then send the following to enable the gateways.

```
Set-CsOnlinePSTNGateway -Identity '1234567890.atl01.teams.mytm.us' -Enabled $true
Set-CsOnlinePSTNGateway -Identity '1234567890.phl02.teams.mytm.us' -Enabled $true
```

Note: Should an error occur, please communicate with your Momentum PM and every effort will be made to assist.

Related Resources

The following information sources may be useful to Voice Engineers and/or Office 365 (O365) | MS Teams Admins:

Direct Routing Setup

<https://docs.microsoft.com/en-us/microsoftteams/direct-routing-configure>

Cloud Voice in Microsoft Teams

<https://docs.microsoft.com/en-us/microsoftteams/cloud-voice-landing-page>

Media Quality and Network Connectivity Performance

<https://docs.microsoft.com/en-us/SkypeForBusiness/optimizing-your-network/media-quality-and-network-connectivity-performance>

Monitoring and Troubleshooting Direct Routing

<https://docs.microsoft.com/en-us/microsoftteams/direct-routing-monitor-and-troubleshoot>

Office 365 Network Connectivity Principles

<https://docs.microsoft.com/en-us/office365/enterprise/office-365-network-connectivity-principles>

Implement QoS and Monitor Call Quality in Microsoft Teams

<https://docs.microsoft.com/en-us/MicrosoftTeams/monitor-call-quality-qos>

MS Teams Call Analytics and Call Quality Dashboard

<https://docs.microsoft.com/en-us/MicrosoftTeams/difference-between-call-analytics-and-call-quality-dashboard>

MS Teams Auto-Attendant and Call Queue Set Up

<https://docs.microsoft.com/en-us/microsoftteams/create-a-phone-system-auto-attendant>

MS Teams PowerShell Move from SFBO

<https://docs.microsoft.com/en-us/microsoftteams/teams-powershell-move-from-sfbo>

Microsoft Diagnostic Media Logs

<https://docs.microsoft.com/en-us/microsoftteams/log-files#media-logs>

Microsoft Teams Network Assessment Tool

<https://docs.microsoft.com/en-us/microsoft-365/enterprise/office-365-network-mac-perf-score?view=o365-worldwide>

Microsoft 365 Network Connectivity Test

<https://connectivity.office.com/>