Teams Voice Services Configuration

The configuration will be performed in **Windows PowerShell**.

You should have the **.NET Framework** add-on version **4.7.2** or later installed on your computer. If you don't have it, click the following link and install it:

https://docs.microsoft.com/en-us/dotnet/framework/install/

Starting PowerShell

In the Start menu, search for the **PowerShell**, right-click the icon, and select **Run as administrator**.

image.png
Image not found or type unknown

Checking the version of PowerShell

To make sure that you will be able to execute the commands described in the following sections, check the version of the **PowerShell.** Open **PowerShell** and enter the following command:

```
$PSVersionTable.PSVersion
```

Image not found or type unknown

The **PowerShell** application should have version **5.1 (Major: 5, Minor: 1**) or **higher.** If it is lower, update **PowerShell** according to the instructions on the following page:

https://docs.microsoft.com/en-us/powershell/scripting/windows-powershell/install/installing-windows-powershell#upgrading-existing-windows-powershell

If the version information does not appear after issuing the **$PSVersionTable.PSVersion** command, use the following command:

```
$host.Version.
```

Installing required modules

Install the required **modules** to properly configure the service. Individually copy the following commands highlighted in blue, paste them into **PowerShell** and execute by pressing **Enter.**

```
[Net.ServicePointManager]::SecurityProtocol = [Net.SecurityProtocolType]::T
```

```
Register-PSRepository -Default
```

```
Install-Module -Name PowerShellGet -Force -AllowClobber
```

```
Install-Module -Name MicrosoftTeams -Force -AllowClobber
```

```
Update-Module MicrosoftTeams
```

```
Set-ExecutionPolicy RemoteSigned
```

```
Import-Module -Name MicrosoftTeams
```

```
Set-ExecutionPolicy Restricted
```

Logging in to the tenant in the MS Teams organization

Copy the following command, paste it into the **PowerShell** and execute by pressing **Enter.**

```
Connect-MicrosoftTeams
```

image.png
Image not found or type unknown

Log in with a user account with **administrator privileges** in the tenant. The account with administrator privileges is the one used to create the new domain in the **Adding a New Domain to the Microsoft 365 Administration Center** instructions.

Configuring routing for phone calls

Individually copy the following commands highlighted in blue, paste them into **PowerShell** and execute by pressing **Enter.**

```
Set-CsOnlinePstnUsage -Identity Global -Usage @{Add="TMobileRouting"}
```

```
Set-CsOnlineVoiceRoutingPolicy -Identity Global -OnlinePSTNUsages "
TMobileRouting"
```

In the last command, the domain **T10012345.teams.t-mobile.pl** should be replaced with the one that was assigned by T-Mobile.

```
New-CsOnlineVoiceRoute -Identity "TMobileRouting“ -NumberPattern ".*" -
OnlinePstnGatewayList T10012345.teams.t-mobile.pl -Priority 1 -
OnlinePstnUsages "TMobileRouting"
```

Do not close PowerShell it will be needed in the next instruction.

After successfully executing this command, you can proceed to the next instruction.

Revision #1

Created 22 March 2024 13:45:56 by Sara Roszak

Updated 22 March 2024 13:46:24 by Sara Roszak