# Teams Voice Services Configuration

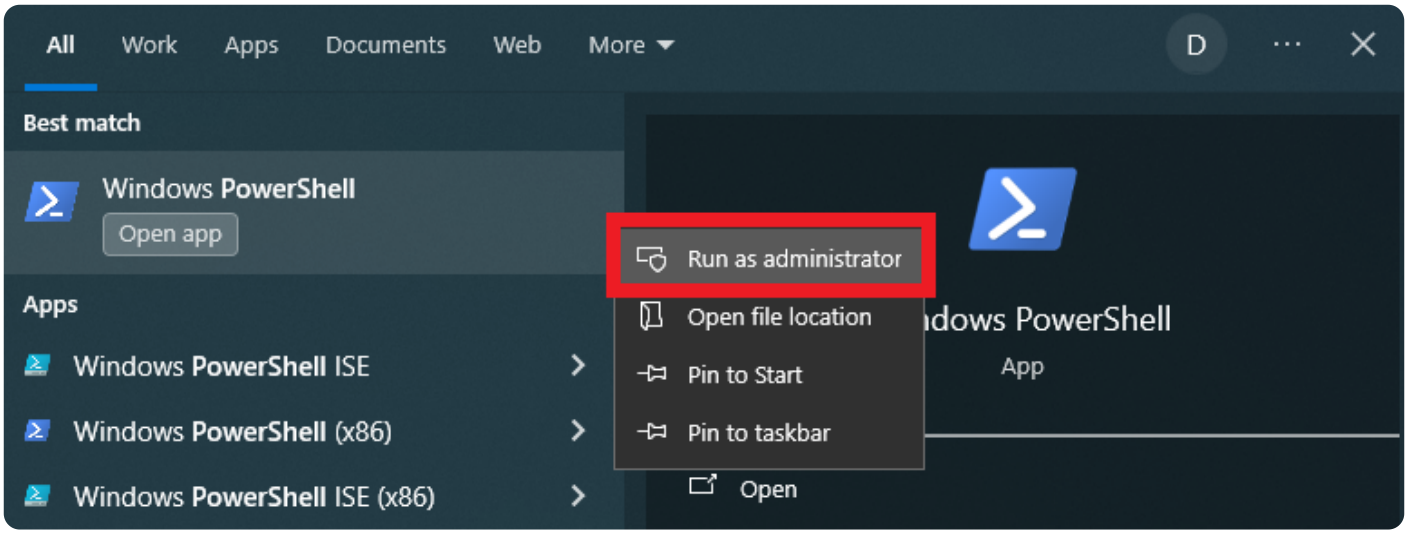
The configuration will be performed in **Windows PowerShell**.

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**.




## 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
```

```
Major  Minor  Build  Revision
-----  -----  -----  --------
5      1      17763  2931
```

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
```

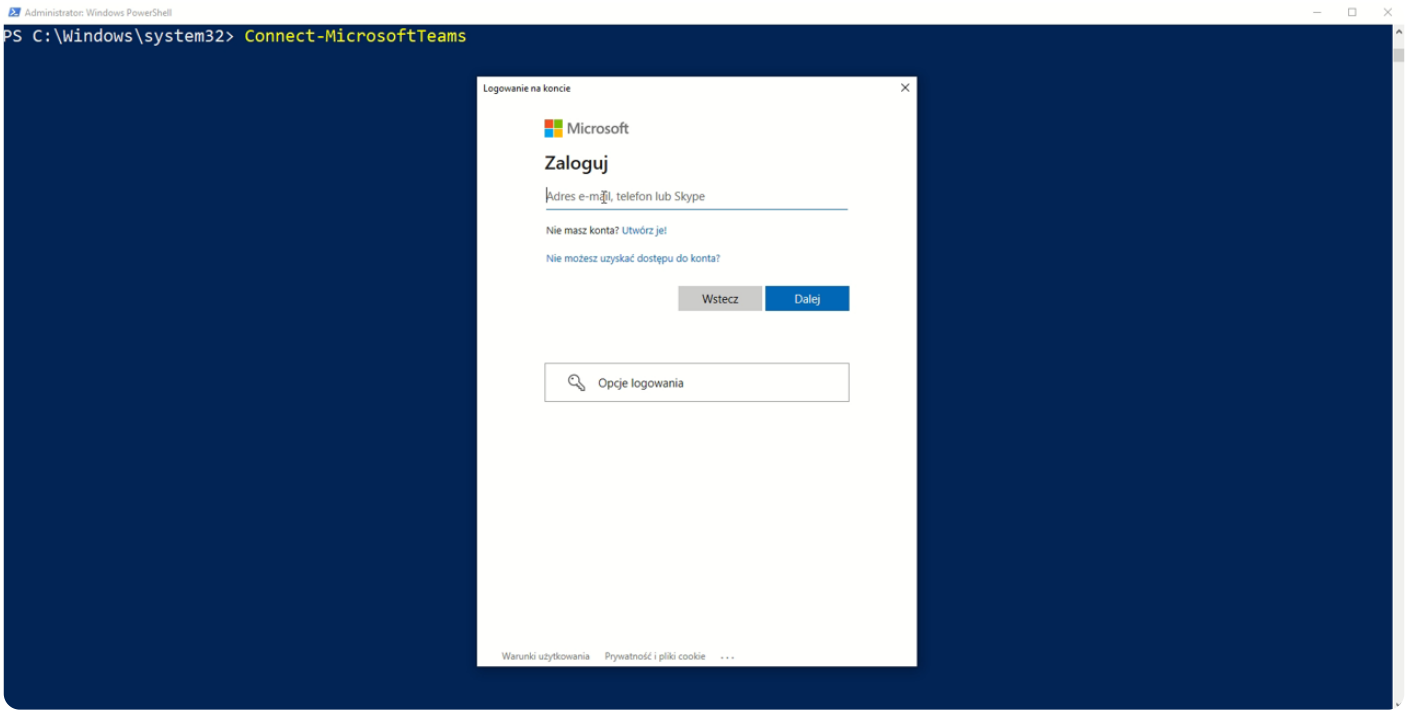
```
Import-Module -Name MicrosoftTeams
```

```
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
```




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.

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