Emergency Calling - 01 - Trusted IP Addresses

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Overview

This article covers the process to add public IP addresses (IPv4 & IPv6) to the Teams Trusted IP Address list. The trusted IP address list is used by the Teams client to determine if the user's device is on the corporate network.

> **NOTE**
>
> If you obfuscate your public IP addresses internally by using a proxy or other service, you cannot configure emergency calling. The Teams client uses public IP addresses to determine whether it is located on the corporate network.

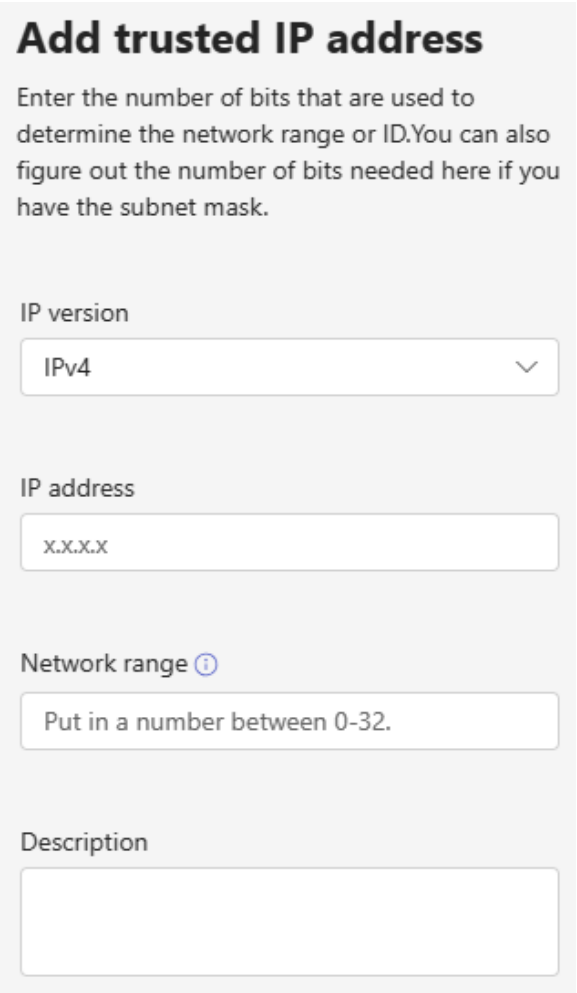
Add a Trusted IP Address

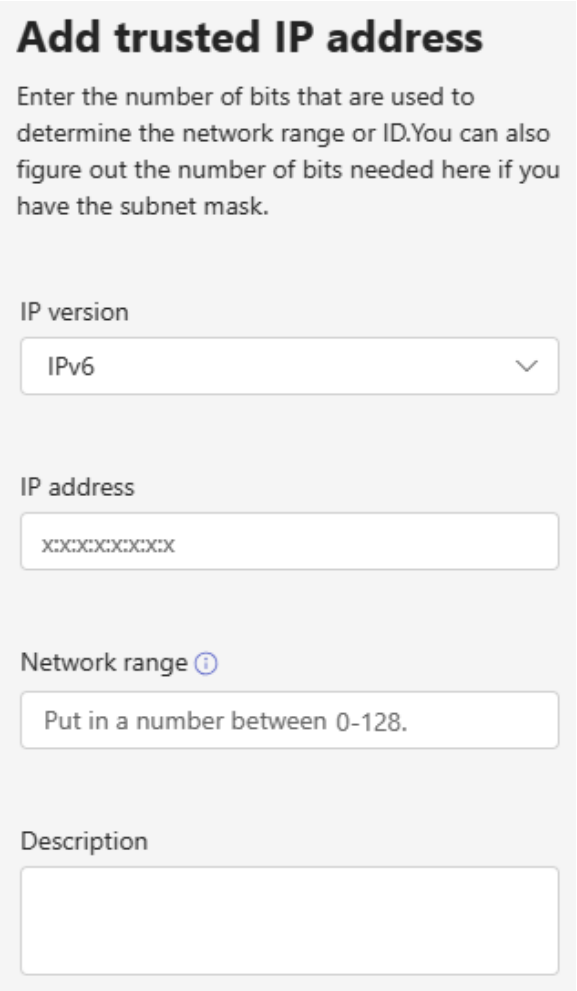
Teams Admin Center

In the Teams Admin Center, browse to: **Locations** > **Network Topology** > **Trusted IPs** (tab)

Click **Add**, and in the fly-out window, enter the following:

- IP Version: IPv4 or IPv6
- IP Address
- Network Range (CIDR)
- Description





PowerShell

Trusted IP Address Commands

- New-CsTenantTrustedIPAddress
- Get-CsTenantTrustedIPAddress
- Set-CsTenantTrustedIPAddress
- Remove-CsTenantTrustedIPAddress

PowerShell examples to add IPv4 & IPv6 trusted IP addresses.

```
# Define the IPv4 Trusted IP Address Properties
$IpAddrProperties = @{

        Description = "East Coast HQ"
        IpAddress         = "8.8.8.8"
        MaskBits        = 32
}

# Add the new Trusted IP Address
New-CsTenantTrustedIPAddress @IpAddrProperties
```

```
# Define the IPv6 Trusted IP Address Properties
$IpAddrProperties = @{

        Description = "East Coast HQ"
        IpAddress         = "2001:4860:4860::8888"
        MaskBits        = 128
}

# Add the new Trusted IP Address
New-CsTenantTrustedIPAddress @IpAddrProperties
```