









# Advanced

## Sip Profiles

- Advanced -> SIP Profiles

### SIP Profiles

Manage settings for SIP profiles.

Name	Hostname	Enabled	Description	
external-ipv6		True	The External IPV6 profile binds to the IP version 6 address and is similar to the External profile.	 
external		True	The External profile external provides anonymous calling in the public context. By default the External profile binds to port 5080. Calls can be sent using a SIP URL "voip.domain.com:5080"	 
internal-ipv6		True	The Internal IPV6 profile binds to the IP version 6 address and is similar to the Internal profile.	 
internal		True	The Internal profile by default requires registration which is used by the endpoints. By default the Internal profile binds to port 5060.	 

## Internal

Internal sip profiles (port 5060/5061) require registration or [access controls](#) cidr range to allow the IP address in without SIP authentication. Once the access controls are setup correctly, the carrier will be allowed to send calls to the internal profile.

## External

External sip profiles (port 5080-5081) allow anonymous connection to FusionPBX and is optional. External profile is optional when freewitch has a public ip address. Can be useful when setting behind nat. Being anonymous doesn't mean totally open due to the inbound routes call conditions.(call filtering)

## Internal ipv6

Internal ipv6 sip profiles (port 5060/5061) require registration or [access controls](#) cidr range to allow the IP address in without SIP authentication. Once the access controls are setup correctly, the carrier will be allowed to send calls to the internal ipv6 profile.

- If you don't have ipv6 then the ipv6 profiles should be disabled.
- Be sure to stop the profile before disabling it. To disable goto Advanced > SIP Profiles and click the pencil edit icon to the right of the profile you want to disable. From the dropdown box select **enabled** to false.

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## [External ipv6](#)

External ipv6 sip profiles (port 5080-5081) allow anonymous connection to FusionPBX and is optional.

- If you don't have ipv6 then the ipv6 profiles should be disabled.
- Be sure to stop the profile before disabling it. To disable goto Advanced > SIP Profiles and click the pencil edit icon to the right of the profile you want to disable. From the dropdown box select **enabled** to false.

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