

# Trunk

A **Trunk** is a link to another system, such as a phone carrier, pbx, etc, to send and receive calls. A **Trunk** will need a [Trunk Handler](#) defined beforehand to function properly.

## Adding a Trunk

1) Enter the CLI's configuration mode

2) Ensure you have already made a [Trunk Handler](#), while you can create a **Trunk** without defining one, you will still need to define one to ensure that the phone system is properly configured.

3) Enter the name of the **Trunk** you wish to create. You will be prompted with the minimum required settings

```
vbox-markm(config)# trunk building_a
!! Notice: Editing new item: building_a
!! Notice: Minimum requirements needed for insert:
!!   device_type
!!   desc
!!   capacity
vbox-markm(config-trunk building_a)#
```

4) Enter the minimum required settings for adding the **Trunk**, you can use the **"?" key** to get a description of all the available settings.

```
vbox-markm(config-trunk building_a)# capacity 50
vbox-markm(config-trunk building_a)# desc "Main building"
vbox-markm(config-trunk building_a)# device_type
SIP          IAX2          DAHDI          VIRTUAL          SIP-VIRTUAL          ### Used tab to get a list
of the available devices.
vbox-markm(config-trunk building_a)# device_type SIP
```

5) After adding the trunk, use the **show** command to ensure your settings have been saved.

```

vbox-markm(config-trunk building_a)# show
! Generating running-config
!!!!

! ----- Trunks -----
trunk building_a
  capacity 50
  desc "Main building"
  device_type SIP
  prestart_media no
  record no
  trunk_handler_name default
  sip
    allow ulaw,alaw,adpcm,gsm
    call-limit 50
    canreinvite no
    disallow g723,slin,ilbc,lpc10,g729,speex,g726aal2,g722
    host dynamic
    nat yes
    qualify yes
    rtpholdtimeout 60
    rtptimeout 60
    secret 9a97c729fdce1f0a5d68495f82c5159e
    sendrpid yes
    trustrpid no
    username building_a
  exit
exit

exit

vbox-markm(config-trunk building_a)#

```

6) Next define a [Trunk Handler](#) that the **Trunk** will use.

```

vbox-markm(config-trunk building_a)# trunk_handler_name
audiocodes          local_loop          pstn          nycvoip
branch              nbs- 9734067200    default      localyny
chvoip              Nathans_Test_TrunkHandler
vbox-markm(config-trunk building_a)# trunk_handler_name Nathans_Test_TrunkHandler

```

7) Lastly, do a **show** command to ensure your settings are saved.

```
vbox-markm(config-trunk building_a)# show
! Generating running-config
!!!!

! ----- Trunks -----
trunk building_a
  capacity 50
  desc "Main building"
  device_type SIP
  prestart_media no
  record no
  trunk_handler_name Nathans_Test_TrunkHandler
  sip
    allow ulaw,alaw,adpcm,gsm
    call-limit 50
    canreinvite no
    disallow g723,slin,ilbc,lpc10,g729,speex,g726aal2,g722
    host dynamic
    nat yes
    qualify yes
    rtpholdtimeout 60
    rtptimeout 60
    secret 9a97c729fdce1f0a5d68495f82c5159e
    sendrpid yes
    trustrpid no
    username building_a
  exit
exit

exit

vbox-markm(config-trunk building_a)#
```

# Trunk Settings Description

You can also use the "?" key to view the description while in the CLI. \* indicates a required setting.

callerid_name	Force this callerid name when receiving calls from this trunk
callerid_number	Force this callerid number when receiving calls from this trunk
capacity	(*) Maximum number of concurrent calls to/from this trunk
desc	(*) Non-functional description
device_type	(*) Protocol that this device will use
do	To run exec commands in config mode
exit	Exit from this level (with notification of incomplete config)
iax	Change IAX-specific trunk settings
incoming_context_label	
no	Clear settings
prestart_media	
record	Whether to record all calls to/from this device
show	Show the running-config for the current item
sip	Change SIP-specific trunk settings
trunk_handler_name	Name of the trunkhandler to use for incoming call processing

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