Trunk Groups

Defines a list of Trunks to consider when making a call. The system will attempt to call out to trunks in the order they are defined, and if each one fails, the call will not be completed. It is important to have your **Trunks** defined before creating a **Trunk Group**.

Adding a Trunk Group

1) Enter the CLI's configuration mode.

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

```
vbox-markm(config)# trunk_group main_office
!! Notice: Editing new item: main_office
!! Notice: Minimum requirements needed for insert:
!!   desc
!!   capacity
vbox-markm(config-trunk-group main_office)# desc "Main Office Trunk Grou"
vbox-markm(config-trunk-group main_office)# capacity 20
vbox-markm(config-trunk-group main_office)#
```

3) Next define the **Trunks** that the **Trunk Group** will call out to. We will assume we are using 3 **Trunks** in this example.

```
vbox-markm(config-trunk-group main_office)# trunk_pos 1
vbox-markm(config-trunk-group main_office pos-1)# trunk_name          ### Use Tab to get a
list of available trunks
AudioCodesFXO1    branch-iax        isoft-sr-in-2     pbx-sip-t1-gw2    building_a
isoft             pbx-sip-t1-gw1    isoft-sr-out-1    Nathan_Test_Trunk isoft-vit-out-1
isoft-sr-in-1
trunk-bob
vbox-markm(config-trunk-group main_office pos-1)# trunk_name building_a
vbox-markm(config-trunk-group main_office pos-1)# exit                ### Returns to main
config options for the trunk group
vbox-markm(config-trunk-group main_office pos-1)# exit force
vbox-markm(config-trunk-group main_office)# show
```

```
! Generating running-config
!!!

! -------------- Trunk Groups ----------------
trunk_group main_office
  callerid passthrough
  capacity 20
  desc "Main Office Trunk Grou"
  record inherit
  trunk_pos 1                       ### This trunk group has been successfully added as
position 1
    trunk_name building_a
    exit
  exit

exit

vbox-markm(config-trunk-group main_office)#
```

4) Next as needed, add additional **Trunks** to the **Trunk Group.**

```
vbox-markm(config-trunk-group main_office)# trunk_pos 2
vbox-markm(config-trunk-group main_office pos-2)# trunk_name
AudioCodesFXO1    branch-iax        isoft-sr-in-2     pbx-sip-t1-gw2    building_a
isoft             pbx-sip-t1-gw1    isoft-sr-out-1    Nathan_Test_Trunk isoft-vit-out-1
isoft-sr-in-1
trunk-bob
vbox-markm(config-trunk-group main_office pos-2)# trunk_name isoft
vbox-markm(config-trunk-group main_office pos-2)# exit
vbox-markm(config-trunk-group main_office pos-2)# exit force
vbox-markm(config-trunk-group main_office)# trunk_pos 3
vbox-markm(config-trunk-group main_office pos-3)# trunk_name
AudioCodesFXO1    branch-iax        isoft-sr-in-2     pbx-sip-t1-gw2    building_a
isoft             pbx-sip-t1-gw1    isoft-sr-out-1    Nathan_Test_Trunk isoft-vit-out-1
isoft-sr-in-1
trunk-bob
vbox-markm(config-trunk-group main_office pos-3)# trunk_name Nathan_Test_Trunk
vbox-markm(config-trunk-group main_office pos-3)# exit
vbox-markm(config-trunk-group main_office pos-3)# exit force
vbox-markm(config-trunk-group main_office)#
```

5) Lastly use the **show** command to ensure your settings have been saved.

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

! -------------- Trunk Groups ----------------
trunk_group main_office
  callerid passthrough
  capacity 20
  desc "Main Office Trunk Grou"
  record inherit
  trunk_pos 1
    trunk_name building_a
    exit
  trunk_pos 2
    trunk_name isoft
    exit
  trunk_pos 3
    trunk_name Nathan_Test_Trunk
    exit
  exit

exit

vbox-markm(config-trunk-group main_office)#
```

Trunk Groups Settings Description

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

Option	Description
callerid	Callerid option for when this trunk group is utilized.
callerid_number_postpend	Append these digits to the callerid when making an outbound call on this trunk group

Option	Description
callerid_number_prepend	Prepend these digits to the callerid on outbound calls after processing removal
callerid_number_remove	Force remove digits from callerid for outbound calls
callerid_number_replace	Force replace callerid with this number for outbound calls on this trunk group
capacity	(*) Maximum number of concurrent calls to/from this trunk group
desc	(*) Non-functional description of this trunk group
do	To run exec commands in config mode
exit	Exit from this level (with notification of incomplete config)
no	Clear settings
record	Whether to record all calls to/from this trunk group
reorder	Change the order of trunk group includes
show	Show the running-config for the current item
trunk_pos	Create or change an include in this trunk group

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