

??????? VOIP Provider??? SIP ?????????????????????????? "?????xxx?"???????????????? make sense ?????
 ?? "?????"????????????????????????? xx ????????? Email ?????????

????????????????????????? Asterisk ?????????????? IPBB ?????????????? # ?????????????????????????? IPBB
 Trunk ?????? # ? DTMF signal?????????

?????PBX??Tools??File Editor??? extension?Filter??? extensions_custom.conf

? [from-internal-custom] ????????

include => custom-trunk-out-ipbb ; Cancel the ipbb's prompted voice, should dial *333+phone number
 ??????????????????????

```
;;;;;; start-ipbb trunk out ;;;;;;  

; prefix code is *333  

;  

[custom-trunk-out-ipbb]  

exten => _*333.,1,Macro(dialout-trunk-dtmf-ipbb,2,${EXTEN:4},)  

exten => _*333.,n,SendDTMF(#)  

exten => _*333.,n,Macro(outisbusy,  

  

[macro-dialout-trunk-dtmf-ipbb]  

include => macro-dialout-trunk-custom  

exten => s,1,Set(DIAL_TRUNK=${ARG1})  

exten => s,n,ExecIf($[$["${ARG3}" != ""] & ${DB(AMPUSER/${AMPUSER}/pinless)} !=  

"NOPASSWD"]],Authenticate,${ARG3})  

exten => s,n,GotoIf($["x${OUTDISABLE_${DIAL_TRUNK}}" = "xon"]?disabletrunk,1)  

exten => s,n,Set(DIAL_NUMBER=${ARG2})  

exten => s,n,Set(DIAL_TRUNK_OPTIONS=${DIAL_OPTIONS})  

exten => s,n,Set(GROUP()=OUT_${DIAL_TRUNK})  

exten => s,n,GotoIf($["${OUTMAXCHANS_${DIAL_TRUNK}}foo" = "foo"]?nomax)  

exten => s,n,GotoIf($[ ${GROUP_COUNT(OUT_${DIAL_TRUNK})} > ${OUTMAXCHANS_${DIAL_TRUNK}} ]?chanfull)  

exten => s,n(nomax),GotoIf($["${INTRACOMPANYROUTE}" = "YES"]?skipoutcid)  

exten => s,n,Set(DIAL_TRUNK_OPTIONS=${TRUNK_OPTIONS})  

exten => s,n,Macro(outbound-callerid,${DIAL_TRUNK})  

exten => s,n(skipoutcid),AGI(fixlocalprefix)  

exten => s,n,Set(OUTNUM=${OUTPREFIX_${DIAL_TRUNK}}${DIAL_NUMBER})  

exten => s,n,Set(custom=${CUT(OUT_${DIAL_TRUNK},:,1)})  

exten => s,n,GotoIf($[$["${MOHCLASS}" = "default"] | ${"foo${MOHCLASS}" = "foo"}]?gocall)  

exten => s,n,Set(DIAL_TRUNK_OPTIONS=M(setmusic^${MOHCLASS})${DIAL_TRUNK_OPTIONS})  

exten => s,n(gocall),Macro(dialout-trunk-predial-hook,)  

exten => s,n,GotoIf($["${PREDIAL_HOOK_RET}" = "BYPASS"]?bypass,1)  

exten => s,n,GotoIf($["${custom}" = "AMP"]?customtrunk)  

exten => s,n,Dial(${OUT_${DIAL_TRUNK}}/${OUTNUM},1,M(play-outnum-dtmf))  

exten => s,n,Goto(s-$${DIALSTATUS},1)  

  

exten => s,n(customtrunk),Set(pre_num=${CUT(OUT_${DIAL_TRUNK},$,1)})
```

```

exten => s,n,Set(the_num=${CUT(OUT_${DIAL_TRUNK},$,2)})
exten => s,n,Set(post_num=${CUT(OUT_${DIAL_TRUNK},$,3)})
exten => s,n,GotoIf("${the_num}" = "OUTNUM"?outnum:skipoutnum)
exten => s,n(outnum),Set(the_num=${OUTNUM})
exten => s,n(skipoutnum),Dial(${pre_num:4}${the_num}${post_num},300,${DIAL_TRUNK_OPTIONS})
exten => s,n,Goto(s-$DIALSTATUS,1)
exten => s,n(chanfull),Noop(max channels used up)
exten => s-BUSY,1,Noop(Dial failed due to trunk reporting BUSY - giving up)
exten => s-BUSY,n,Playtones(busy)
exten => s-BUSY,n,Busy(20)
exten => s-NOANSWER,1,Noop(Dial failed due to trunk reporting NOANSWER - giving up)
exten => s-NOANSWER,n,Playtones(congestion)
exten => s-NOANSWER,n,Congestion(20)
exten => s-CANCEL,1,Noop(Dial failed due to trunk reporting CANCEL - giving up)
exten => s-CANCEL,n,Playtones(congestion)
exten => s-CANCEL,n,Congestion(20)
exten => _s-,1,GotoIf("${OUTFAIL_${ARG1}}" = "x"?noreport)
exten => _s-,n,AGI(${OUTFAIL_${ARG1}})
exten => _s-,n(noreport),Noop(TRUNK Dial failed due to ${DIALSTATUS} - failing through to other trunks)
exten => disabletrunk,1,Noop(TRUNK: ${OUT_${DIAL_TRUNK}} DISABLED - falling through to next trunk)
exten => bypass,1,Noop(TRUNK: ${OUT_${DIAL_TRUNK}} BYPASSING because dialout-trunk-predial-hook)
exten => h,1,Macro(hangupcall,)

; end of [macro-dialout-trunk]

```

[macro-play-outnum-dtmf]

```

exten => s,1,Wait(1)
exten => s,2,SendDTMF(#)
;;;;;; end-ipbb trunk out ;;;;;;

```

?????????5?

```

exten => *_333.,1,Macro(dialout-trunk-dtmf-ipbb,2,${EXTEN:4},)

```

?????2 ???? IPBB Trunk ??

?????*333 ?????????????????? *333 + ???; ?????????????????? X.???? Outbound Route ????????????

????????????????????????? CLI ?? ??? Extension ????????

?PBX??Tools??Asterisk Cli??? dialplan reload ?Execute?

???