

????? amd.conf

```
[amd-without-conf]
exten => 7002,1,Answer()
exten => 7002,n,AMD(2500,1500,300,5000,120,50,4,384)
exten => 7002,n,GotoIf("${AMDSTATUS}" = "MACHINE"?machine:human)
exten => 7002,n(machine),Verbose(3, We found an answering machine)
exten => 7002,n,Set(AMP=${CALLERID(num)})
exten => 7002,n,Set(date=${STRFTIME(${EPOCH},,%Y%m%d-%H%M%S)})
exten => 7002,n,NoOp(Here is the dialplan you want to run)
exten => 7002,n(human),Verbose(3, We've got a human on the line!)
exten => 7002,n,NoOp(Here is the dialplan you want to run)
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[test-amd]
exten => 9991,1,NoCDR()
exten => 9991,n,Macro(amd-detection)
exten => 9991,n,Playback(demo-echotest)
exten => 9991,n,Echo()
exten => 9991,n,Playback(demo-echodone)
exten => 9991,n,Hangup
exten => h,1,Noop(Logging the Call details into the DB)
exten => h,n,Noop(AMDSTATUS: ${AMDSTATUS}, AMDCAUSE: ${AMDCAUSE})
exten => h,n,Noop(UNIQUEID: ${UNIQUEID}, CALLDATE: ${CALLDATE})
exten => h,n,MYSQL(Connect connid localhost root 123456 dialer)
exten => h,n,MYSQL(Query resultid ${connid} INSERT INTO
`amd_log`(`calldate`,`uniqueid`,`amd_status`,`amd_cause`) VALUES
('${CALLDATE}','${UNIQUEID}','${AMDSTATUS}','${AMDCAUSE}'))
exten => h,n,MYSQL(Disconnect ${connid})
```

[macro-amd-detection]

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exten => s,1,Noop(Answering Machine Detection - AMD)
exten => s,n,Set(CALLDATE=${STRFTIME(${EPOCH},,%Y-%m-%d %H:%M:%S)})
exten => s,n,Background(beep)
; Syntax: AMD([initialSilence],[greeting],[afterGreetingSilence],[totalAnalysis Time],[miniumWordLength
[,betweenWordSilence[,maximumNumberOfWords[,silenceThreshold[,maximumWordLength]]]]]]))
exten => s,n,AMD(2500,1500,800,5000,120,50,4,256)
exten => s,n,Noop(AMDSTATUS: ${AMDSTATUS}, AMDCAUSE: ${AMDCAUSE})
exten => s,n,Noop(UNIQUEID: ${UNIQUEID}, CALLDATE: ${CALLDATE})
exten => s,n,GotoIf("${AMDSTATUS}" = "MACHINE"?machine:human)
exten => s,n(machine),Noop(We found an answering machine)
exten => s,n,Hangup
exten => s,n(human),Noop(We've got a human on the line)
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[dialerConnect]

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exten => _X.,1,NoCDR()
exten => _X.,n,Set(CUSTOMER=${CUT(EXTEN,A,4)})
exten => _X.,n,Set(CONTACTID=${CUT(EXTEN,A,3)})
exten => _X.,n,Set(MEXTEN=${CUT(EXTEN,A,2)})
exten => _X.,n,Set(IDCAMPAIGN=${CUT(EXTEN,A,1)})
exten => _X.,n,Set(CALLERID(num)=${MEXTEN})
exten => _X.,n,Set(CALLERID(name)=${MEXTEN})
exten => _X.,n,MYSQL(Connect connid localhost root 123456 dialer)
exten => _X.,n,MYSQL(Query resultid ${connid} select use_amd from settings)
exten => _X.,n,MYSQL(Fetch foundRow ${resultid} useamd)
exten => _X.,n,MYSQL(Clear ${resultid})
exten => _X.,n,MYSQL(Disconnect ${connid})
exten => _X.,n,GotoIf(["${USEAMD}" = "1"]?useamd:noamd)
exten => _X.,n(useamd),Macro(amd-detection)
exten => _X.,n,GotoIf(["${AMDSTATUS}" = "HUMAN"]?noamd:nhuman)
exten => _X.,n(nhuman),GotoIf(["${AMDSTATUS}" = "MACHINE"]?hangup:nmachine)
exten => _X.,n(nmachine),GotoIf(["${AMDSTATUS}" = "NOTSURE"]?notsure:hangup)
exten => _X.,n(notsure),MYSQL(Connect connid localhost root 123456 dialer)
exten => _X.,n,MYSQL(Query resultid ${connid} select amd_hangupifnotsure from settings)
exten => _X.,n,MYSQL(Fetch foundRow ${resultid} acnotsure)
exten => _X.,n,MYSQL(Clear ${resultid})
exten => _X.,n,MYSQL(Disconnect ${connid})
exten => _X.,n,GotoIf(["${ACNOTSURE}" = "1"]?hangup:noamd)
exten => _X.,n(noamd),AGI(dialer.php,update,${IDCAMPAIGN},${CONTACTID},${UNIQUEID})
exten => _X.,n,Queue(${IDCAMPAIGN})
exten => _X.,n,Noop(QUEUESTATUS:${IDCAMPAIGN})
exten => _X.,n(hangup),AGI(dialer.php,amdstatus,${AMDSTATUS},${CONTACTID},${MEXTEN})
exten => _X.,n,HangUp()
exten => h,n,MYSQL(Connect connid localhost root 123456 dialer)
exten => h,n,MYSQL(Query resultid ${connid} update call_log set amd_status = '${AMDSTATUS}' where
customer = '${CUSTOMER}' and campaign_id = '${IDCAMPAIGN}' and contact_id = '${CONTACTID}')
exten => h,n,MYSQL(Disconnect ${connid})
exten => h,n,AGI(dialer.php,queue,${MEXTEN},${UNIQUEID},${IDCAMPAIGN},${CONTACTID}) ; Só atualiza o
Agent da chamada

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[macro-amd-detection]

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exten => s,1,Noop(Answering Machine Detection - AMD)
exten => s,n,MYSQL(Connect connid localhost root 123456 dialer)
exten => s,n,MYSQL(Query resultid ${connid} SELECT amd_initialSilence, amd_greeting,
amd_afterGreetingSilence, amd_totalAnalysis, amd_miniumWordLength, amd_betweenWordSilence,
amd_maximumNumberOfWords, amd_silenceThreshold from settings)
exten => s,n,MYSQL(Fetch foundRow ${resultid} amd_initialSilence amd_greeting
amd_afterGreetingSilence amd_totalAnalysis amd_miniumWordLength amd_betweenWordSilence
amd_maximumNumberOfWords amd_silenceThreshold)
exten => s,n,MYSQL(Clear ${resultid})
exten => s,n,MYSQL(Disconnect ${connid})
exten => s,n,Set(CALLDATE=${STRFTIME(${EPOCH},,%Y-%m-%d %H:%M:%S)})
;exten => s,n,Background(beep)
exten => s,n,AMD(${amd_initialSilence}, ${amd_greeting}, ${amd_afterGreetingSilence},
${amd_totalAnalysis}, ${amd_miniumWordLength}, ${amd_betweenWordSilence},

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`${amd_maximumNumberOfWords}, ${amd_silenceThreshold})`

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- voip-info: [Answering Machine Detect \(AMD\)](#)
- voip-info: [Asterisk cmd BackGroundDetect](#)
- asterisk.org: [AMD](#)
- asterisk-users: [How to tune Asterisk AMD - Answering Machine Detection "hacks"](#)
- asterisk-users: [Voice Mail beep / tone detection](#)