

\_\_bionic\_open\_tzdata: couldn't find any tzdata when looking for localtime!  
\_\_bionic\_open\_tzdata: couldn't find any tzdata when looking for GMT!  
\_\_bionic\_open\_tzdata: couldn't find any tzdata when looking for posixrules!  
2016.12.13 09:51:30 : Starting recovery (pid 134) on Tue Dec 13 09:51:30 2016  
Can't find mtd partition ubipac  
recovery filesystem table

=====

0 /storage/sdcard0 vfat /dev/block/platform/sdio\_sd/mmcblk1p1 0  
1 /system ext4 /dev/block/platform/sdio\_emmc/by-name/system 0  
2 /data ext4 /dev/block/platform/sdio\_emmc/by-name/userdata 0  
3 /cache ext4 /dev/block/platform/sdio\_emmc/by-name/cache 0  
4 /misc emmc /dev/block/platform/sdio\_emmc/by-name/misc 0  
5 /boot emmc /dev/block/platform/sdio\_emmc/by-name/boot 0  
6 /recovery emmc /dev/block/platform/sdio\_emmc/by-name/recovery 0  
7 /tdmodem emmc /dev/block/platform/sdio\_emmc/by-name/tdmodem 0  
8 /tddsp emmc /dev/block/platform/sdio\_emmc/by-name/tddsp 0  
9 /tdfixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/tdfixnv1 0  
10 /tdfixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/tdfixnv2 0  
11 /tdruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/tdruntimenv1 0  
12 /tdruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/tdruntimenv2 0  
13 /ltemodem emmc /dev/block/platform/sdio\_emmc/by-name/l\_modem 0  
14 /ltdsp emmc /dev/block/platform/sdio\_emmc/by-name/l\_ldsp 0  
15 /ltefixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/l\_fixnv1 0  
16 /ltefixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/l\_fixnv2 0  
17 /lteruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/l\_runtimenv1 0  
18 /lteruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/l\_runtimenv2 0  
19 /lffmodem emmc /dev/block/platform/sdio\_emmc/by-name/lf\_modem 0  
20 /lffwarm emmc /dev/block/platform/sdio\_emmc/by-name/lf\_warm 0  
21 /lffgdsp emmc /dev/block/platform/sdio\_emmc/by-name/lf\_gdsp 0  
22 /lffldsp emmc /dev/block/platform/sdio\_emmc/by-name/lf\_ldsp 0  
23 /lfffixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/lf\_fixnv1 0  
24 /lfffixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/lf\_fixnv2 0  
25 /lffruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/lf\_runtimenv1 0  
26 /lffruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/lf\_runtimenv2 0  
27 /tlmodem emmc /dev/block/platform/sdio\_emmc/by-name/tl\_modem 0  
28 /tltdsp emmc /dev/block/platform/sdio\_emmc/by-name/tl\_tdsp 0  
29 /tlldsp emmc /dev/block/platform/sdio\_emmc/by-name/tl\_ldsp 0  
30 /tlfixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/tl\_fixnv1 0  
31 /tlfixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/tl\_fixnv2 0  
32 /tlruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/tl\_runtimenv1 0  
33 /tlruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/tl\_runtimenv2 0  
34 /wmodem emmc /dev/block/platform/sdio\_emmc/by-name/wmodem 0  
35 /wdsp emmc /dev/block/platform/sdio\_emmc/by-name/wdsp 0  
36 /wfixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/wfixnv1 0  
37 /wfixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/wfixnv2 0  
38 /wruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/wruntimenv1 0  
39 /wruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/wruntimenv2 0  
40 /wcnfixnv1 emmc /dev/block/platform/sdio\_emmc/by-name/wcnfixnv1 0  
41 /wcnfixnv2 emmc /dev/block/platform/sdio\_emmc/by-name/wcnfixnv2 0  
42 /wcnruntimenv1 emmc /dev/block/platform/sdio\_emmc/by-name/wcnruntimenv1 0  
43 /wcnruntimenv2 emmc /dev/block/platform/sdio\_emmc/by-name/wcnruntimenv2 0  
44 /wcnmodem emmc /dev/block/platform/sdio\_emmc/by-name/wcnmodem 0  
45 /productinfo ext4 /dev/block/platform/sdio\_emmc/by-name/prodnv 0  
46 /oem ext4 /dev/block/platform/sdio\_emmc/by-name/oem 0  
47 /logo emmc /dev/block/platform/sdio\_emmc/by-name/logo 0  
48 /fbootlogo emmc /dev/block/platform/sdio\_emmc/by-name/fbootlogo 0

49 /systeminfo ext4 /dev/block/platform/sdio\_emmc/by-name/sysinfo 0  
50 /uboot emmc /dev/block/mmcblk0boot1 0  
51 /spl emmc /dev/block/mmcblk0boot0 0  
52 /tmp ramdisk ramdisk 0

l:Got arguments from /cache/recovery/command

2016.12.13 09:51:31 : locale is [en\_US]

2016.12.13 09:51:31 : stage is []

2016.12.13 09:51:31 : reason is [(null)]

bit\_depth:8,\*channels:1,color\_type:0

can't open /dev/tty0: No such file or directory

fb0 reports (possibly inaccurate):

vi.bits\_per\_pixel = 32

vi.red.offset = 16 .length = 8

vi.green.offset = 8 .length = 8

vi.blue.offset = 0 .length = 8

in fbdev\_init: ro.sf.hwrotation=0

framebuffer: 0 (480 x 800)

ioctl(): blank: Invalid argument

ioctl(): blank: Invalid argument

bit\_depth:8,\*channels:1,color\_type:3

found frames = 7

bit\_depth:8,\*channels:1,color\_type:3

bit\_depth:8,\*channels:3,color\_type:2

bit\_depth:8,\*channels:3,color\_type:2

bit\_depth:8,\*channels:1,color\_type:0

bit\_depth:8,\*channels:1,color\_type:0

bit\_depth:8,\*channels:1,color\_type:0

installing\_text: en (277 x 33 @ 374)

bit\_depth:8,\*channels:1,color\_type:0

erasing\_text: en (95 x 33 @ 374)

bit\_depth:8,\*channels:1,color\_type:0

no\_command\_text: en (150 x 33 @ 374)

bit\_depth:8,\*channels:1,color\_type:0

error\_text: en (57 x 33 @ 374)

2016.12.13 09:51:31 : Command:2016.12.13 09:51:31 : "/sbin/recovery"2016.12.13 09:51:31 :

"--update\_package=@/cache/recovery/block.map"2016.12.13 09:51:31 :

"--locale=en\_US"2016.12.13 09:51:31 :

2016.12.13 09:51:31 : update\_package is @/cache/recovery/block.map

2016.12.13 09:51:31 :

2016.12.13 09:51:31 : ro.sf.lcd\_width=54

2016.12.13 09:51:31 : ro.sf.hwrotation=0

2016.12.13 09:51:31 : ro.sf.lcd\_height=96

2016.12.13 09:51:31 : ro.sf.lcd\_density=240

2016.12.13 09:51:31 : ro.adb.secure=1

2016.12.13 09:51:31 : ro.com.google.gmsversion=5.1\_r3

2016.12.13 09:51:31 : ro.com.android.dateformat=MM-dd-yyyy

2016.12.13 09:51:31 : ro.com.android.dataroaming=false

2016.12.13 09:51:31 : ro.frp.pst=/dev/block/platform/sdio\_emmc/by-name/persist

2016.12.13 09:51:31 : ro.boot.serialno=37569106179214

2016.12.13 09:51:31 : ro.fota.oem=fortuneship57731\_5.1

2016.12.13 09:51:31 : ro.fota.type=phone

2016.12.13 09:51:31 : ro.fota.device=AM402

2016.12.13 09:51:31 : ro.fota.version=AM402\_HN\_AMGOO\_V11\_20161108

2016.12.13 09:51:31 : ro.fota.platform=Sprd7731\_5.1

2016.12.13 09:51:31 : ro.msms.phone\_count=2

2016.12.13 09:51:31 : ro.wifi.channels=  
2016.12.13 09:51:31 : ro.allow.mock.location=0  
2016.12.13 09:51:31 : ro.board.platform=sc8830  
2016.12.13 09:51:31 : ro.build.id=LMY47D  
2016.12.13 09:51:31 : ro.build.date=Tue Nov 8 17:17:26 CST 2016  
2016.12.13 09:51:31 : ro.build.date.utc=1478596646  
2016.12.13 09:51:31 : ro.build.host=adminroot-PowerEdge-T630  
2016.12.13 09:51:31 : ro.build.tags=release-keys  
2016.12.13 09:51:31 : ro.build.type=user  
2016.12.13 09:51:31 : ro.build.user=zwenhua  
2016.12.13 09:51:31 : ro.build.flavor=rs613-user  
2016.12.13 09:51:31 : ro.build.display.id=AM402\_HN\_AMGOO\_V11\_20161108  
2016.12.13 09:51:31 : ro.build.product=rs613  
2016.12.13 09:51:31 : ro.build.version.sdk=22  
2016.12.13 09:51:31 : ro.build.version.base\_os=  
2016.12.13 09:51:31 : ro.build.version.release=5.1  
2016.12.13 09:51:31 : ro.build.version.codename=REL  
2016.12.13 09:51:31 : ro.build.version.internal=RS613\_AMGOO\_AM402\_V14\_20161108  
2016.12.13 09:51:31 : ro.build.version.incremental=eng.zwenhua.20161108.171644  
2016.12.13 09:51:31 : ro.build.version.all\_codenames=REL  
2016.12.13 09:51:31 : ro.build.version.security\_patch=2015-11-01  
2016.12.13 09:51:31 : ro.build.description=rs613-user 5.1 LMY47D eng.zwenhua.20161108.171644  
release-keys  
2016.12.13 09:51:31 :  
ro.build.fingerprint=SPRD/rs613/rs613:5.1/LMY47D/11081717:user/release-keys  
2016.12.13 09:51:31 : ro.build.characteristics=default  
2016.12.13 09:51:31 : ro.modem.w.id=0  
2016.12.13 09:51:31 : ro.modem.w.nv=/dev/spipe\_w1  
2016.12.13 09:51:31 : ro.modem.w.dev=/proc/cpw/  
2016.12.13 09:51:31 : ro.modem.w.eth=seth\_w  
2016.12.13 09:51:31 : ro.modem.w.log=/dev/slog\_w  
2016.12.13 09:51:31 : ro.modem.w.snd=1  
2016.12.13 09:51:31 : ro.modem.w.tty=/dev/stty\_w  
2016.12.13 09:51:31 : ro.modem.w.vbc=/dev/spipe\_w6  
2016.12.13 09:51:31 : ro.modem.w.diag=/dev/slog\_w  
2016.12.13 09:51:31 : ro.modem.w.loop=/dev/spipe\_w0  
2016.12.13 09:51:31 : ro.modem.w.count=2  
2016.12.13 09:51:31 : ro.modem.w.assert=/dev/spipe\_w2  
2016.12.13 09:51:31 : ro.modem.w.fixnv\_size=0x40000  
2016.12.13 09:51:31 : ro.modem.w.runnv\_size=0x60000  
2016.12.13 09:51:31 : ro.modem.wcn.id=1  
2016.12.13 09:51:31 : ro.modem.wcn.dev=/dev/cpwc  
2016.12.13 09:51:31 : ro.modem.wcn.tty=/dev/stty\_wcn  
2016.12.13 09:51:31 : ro.modem.wcn.diag=/dev/slog\_wcn  
2016.12.13 09:51:31 : ro.modem.wcn.count=1  
2016.12.13 09:51:31 : ro.modem.wcn.assert=/dev/spipe\_wcn2  
2016.12.13 09:51:31 : ro.modem.wcn.enable=1  
2016.12.13 09:51:31 : ro.config.ksm.support=true  
2016.12.13 09:51:31 : ro.config.zram.support=true  
2016.12.13 09:51:31 : ro.config.low\_ram=true  
2016.12.13 09:51:31 : ro.config.ringtone=Ring\_Synth\_04.ogg  
2016.12.13 09:51:31 : ro.config.alarm\_alert=Alarm\_Classic.ogg  
2016.12.13 09:51:31 : ro.config.notification\_sound=pixiedust.ogg  
2016.12.13 09:51:31 : ro.dalvik.vm.native.bridge=0  
2016.12.13 09:51:31 : ro.secure=1  
2016.12.13 09:51:31 : ro.zygote=zygote32

2016.12.13 09:51:31 : ro.carrier=unknown  
2016.12.13 09:51:31 : ro.digital.fm.support=1  
2016.12.13 09:51:31 : ro.hotspot.enabled=1  
2016.12.13 09:51:31 : ro.product.cpu.abi=armeabi-v7a  
2016.12.13 09:51:31 : ro.product.cpu.abi2=armeabi  
2016.12.13 09:51:31 : ro.product.cpu.abi.list=armeabi-v7a,armeabi  
2016.12.13 09:51:31 : ro.product.cpu.abi.list32=armeabi-v7a,armeabi  
2016.12.13 09:51:31 : ro.product.cpu.abi.list64=  
2016.12.13 09:51:31 : ro.product.ram=low  
2016.12.13 09:51:31 : ro.product.name=AM402  
2016.12.13 09:51:31 : ro.product.board=AM402  
2016.12.13 09:51:31 : ro.product.brand=AMGOO  
2016.12.13 09:51:31 : ro.product.model=AM402  
2016.12.13 09:51:31 : ro.product.device=AM402  
2016.12.13 09:51:31 : ro.product.locale.region=ES  
2016.12.13 09:51:31 : ro.product.locale.language=es  
2016.12.13 09:51:31 : ro.product.hardware=SP7720EA\_V1.0.0  
2016.12.13 09:51:31 : ro.product.manufacturer=AMGOO  
2016.12.13 09:51:31 : ro.product.partitionpath=/dev/block/platform/sdio\_emmc/by-name/  
2016.12.13 09:51:31 : ro.simlock.onekey.lock=0  
2016.12.13 09:51:31 : ro.simlock.unlock.autoshow=1  
2016.12.13 09:51:31 : ro.storage.flash\_type=2  
2016.12.13 09:51:31 : ro.storage.install2internal=0  
2016.12.13 09:51:31 : ro.wifi2p.coexist=false  
2016.12.13 09:51:31 : ro.baseband=unknown  
2016.12.13 09:51:31 : ro.bootmode=unknown  
2016.12.13 09:51:31 : ro.hardware=sc7731c  
2016.12.13 09:51:31 : ro.opengles.version=131072  
2016.12.13 09:51:31 : ro.revision=0  
2016.12.13 09:51:31 : ro.serialno=37569106179214  
2016.12.13 09:51:31 : ro.bootloader=unknown  
2016.12.13 09:51:31 : ro.debuggable=0  
2016.12.13 09:51:31 : ro.factorytest=0  
2016.12.13 09:51:31 : ro.setupwizard.mode=OPTIONAL  
2016.12.13 09:51:31 : ro.btwifisoftap.coexist=false  
2016.12.13 09:51:31 : ro.board\_ram\_size=mid  
2016.12.13 09:51:31 : drm.service.enabled=true  
2016.12.13 09:51:31 : lmk.autocalc=false  
2016.12.13 09:51:31 : net.bt.name=Android  
2016.12.13 09:51:31 : net.change=net.bt.name  
2016.12.13 09:51:31 : sys.usb.gser.count=4  
2016.12.13 09:51:31 : sys.usb.state=adb,vser,gser  
2016.12.13 09:51:31 : sys.usb.config=adb,vser,gser  
2016.12.13 09:51:31 : sys.kill.frontapp=true  
2016.12.13 09:51:31 : sys.tempsd.enable=1  
2016.12.13 09:51:31 : sys.internal.emulated=1  
2016.12.13 09:51:31 : cfzz.launcher.disable.white.bg=true  
2016.12.13 09:51:31 : conn.connectivity\_change\_delay=0  
2016.12.13 09:51:31 : init.svc.adbd=running  
2016.12.13 09:51:31 : init.svc.healthd=running  
2016.12.13 09:51:31 : init.svc.ueventd=running  
2016.12.13 09:51:31 : init.svc.recovery=running  
2016.12.13 09:51:31 : debug.bt.lowspeed=110  
2016.12.13 09:51:31 : debug.hwui.render\_dirty\_regions=false  
2016.12.13 09:51:31 : camera.disable\_zsl\_mode=1  
2016.12.13 09:51:31 : dalvik.vm.isa.arm.features=div



2016.12.13 09:51:31 : dalvik.vm.heapsize=128m  
2016.12.13 09:51:31 : dalvik.vm.dex2oat-Xms=64m  
2016.12.13 09:51:31 : dalvik.vm.dex2oat-Xmx=512m  
2016.12.13 09:51:31 : dalvik.vm.heapmaxfree=2m  
2016.12.13 09:51:31 : dalvik.vm.heapminfree=512k  
2016.12.13 09:51:31 : dalvik.vm.heapstartsize=5m  
2016.12.13 09:51:31 : dalvik.vm.heapgrowthlimit=48m  
2016.12.13 09:51:31 : dalvik.vm.stack-trace-file=/data/anr/traces.txt  
2016.12.13 09:51:31 : dalvik.vm.image-dex2oat-Xms=64m  
2016.12.13 09:51:31 : dalvik.vm.image-dex2oat-Xmx=64m  
2016.12.13 09:51:31 : dalvik.vm.heaptargetutilization=0.75  
2016.12.13 09:51:31 : persist.ini.connectivity.prodnv=0  
2016.12.13 09:51:31 : persist.sys.apr.testgroup=CSSLAB  
2016.12.13 09:51:31 : persist.sys.apr.autoupload=1  
2016.12.13 09:51:31 : persist.sys.apr.intervaltime=1  
2016.12.13 09:51:31 : persist.sys.cam.gif=false  
2016.12.13 09:51:31 : persist.sys.cam.scenery=false  
2016.12.13 09:51:31 : persist.sys.cam.vgesture=false  
2016.12.13 09:51:31 : persist.sys.cam.timestamp=true  
2016.12.13 09:51:31 : persist.sys.cam.wideangle=true  
2016.12.13 09:51:31 : persist.sys.usb.config=mass\_storage  
2016.12.13 09:51:31 : persist.sys.sprd.wcnreset=1  
2016.12.13 09:51:31 : persist.sys.sprd.modemreset=1  
2016.12.13 09:51:31 : persist.sys.ucam.all=true  
2016.12.13 09:51:31 : persist.sys.ucam.edit=true  
2016.12.13 09:51:31 : persist.sys.ucam.beauty=true  
2016.12.13 09:51:31 : persist.sys.ucam.filter=true  
2016.12.13 09:51:31 : persist.sys.ucam.puzzle=true  
2016.12.13 09:51:31 : persist.sys.engpc.disable=1  
2016.12.13 09:51:31 : persist.sys.modem.diag=gser  
2016.12.13 09:51:31 : persist.sys.dalvik.vm.lib.2=libart.so  
2016.12.13 09:51:31 : persist.sys.support.vt=true  
2016.12.13 09:51:31 : persist.sys.support.pls\_epl=false  
2016.12.13 09:51:31 : persist.sys.reload\_oem=0  
2016.12.13 09:51:31 : persist.msms.phone\_count=2  
2016.12.13 09:51:31 : persist.msms.phone\_default=0  
2016.12.13 09:51:31 : persist.modem.w.nvp=w  
2016.12.13 09:51:31 : persist.modem.w.enable=1  
2016.12.13 09:51:31 : persist.radio.multisim.config=dsds  
2016.12.13 09:51:31 : persist.ttydev=ttyVUART0  
2016.12.13 09:51:31 : persist.service.agps.network=4g  
2016.12.13 09:51:31 : persist.storage.type=1  
2016.12.13 09:51:31 : keyguard.no\_require\_sim=true  
2016.12.13 09:51:31 :  
Finding update package...  
I:Update location: @/cache/recovery/block.map  
Opening update package...  
sysutil: mmaped 2 ranges  
I:read key e=65537 hash=20  
I:1 key(s) loaded from /res/keys  
Verifying update package...  
I:comment is 1404 bytes; signature 1386 bytes from end  
I:whole-file signature verified against RSA key 0  
I:verify\_file returned 0  
Installing update...  
sysutil: mmaped 2 ranges

Verifying current system...  
partition read matched size 8871936 sha f8e2dfecd085ee1cde97266c10bc482f0f809ade  
150294528 bytes free on /cache (82339988 needed)  
PackageExtractFileFn :: sleeping after close  
PackageExtractFileFn :: sleeping after close  
Verifying current system...  
write\_raw\_image: WriteRawImageFn argc is 3  
Patching current system...  
write\_raw\_image: WriteRawImageFn (/dev/block/mmcblk0boot1, EMMC)  
write\_raw\_image: write\_emmc\_or\_ubi\_image <EMMC> to [/dev/block/mmcblk0boot1]  
write u-boot.bin to partition /uboot ....  
sleeping after close  
write\_raw\_image: return 1 from write\_emmc\_or\_ubi\_image <EMMC> to [/dev/block/mmcblk0boot1]  
wrote /dev/block/mmcblk0boot1 partition  
Removing unneeded files...  
patch /system/app/ApnSettingsPlugin/ApnSettingsPlugin.apk: Patching system files...  
now 301ec288  
patch /system/app/BasicDreams/BasicDreams.apk: now 2e480ca9  
patch /system/app/BasicDreams/arm/BasicDreams.odex: now a658ae20  
patch /system/app/Bluetooth/Bluetooth.apk: now 34de2c15  
patch /system/app/Bluetooth/arm/Bluetooth.odex: now fedb671e  
patch /system/app/Browser/Browser.apk: now 05b6db09  
patch /system/app/Browser/arm/Browser.odex: now f99e6207  
patch /system/app/Calculator/Calculator.apk: now 02ee0f17  
patch /system/app/Calculator/arm/Calculator.odex: now a346422a  
patch /system/app/Calendar/Calendar.apk: now 71cbb150  
patch /system/app/Calendar/arm/Calendar.odex: now a39b98ba  
patch /system/app/CallFirewallPlugin\_phone/CallFirewallPlugin\_phone.apk: now e23093b4  
patch /system/app/CallFirewallPlugin\_phone/arm/CallFirewallPlugin\_phone.odex: now d3c66e1b  
patch /system/app/CallFirewallPlugin\_sms/CallFirewallPlugin\_sms.apk: now 5f4916cf  
patch /system/app/CallFirewallPlugin\_sms/arm/CallFirewallPlugin\_sms.odex: now 5f178470  
patch /system/app/Camera2/Camera2.apk: now ea28ba4e  
patch /system/app/Camera2/arm/Camera2.odex: now 9214a5c4  
patch /system/app/CaptivePortalLogin/CaptivePortalLogin.apk: now aa3b4798  
patch /system/app/CaptivePortalLogin/arm/CaptivePortalLogin.odex: now 9e9a9368  
patch /system/app/CertInstaller/CertInstaller.apk: now b8a17eff  
patch /system/app/CertInstaller/arm/CertInstaller.odex: now 04ada2c0  
patch /system/app/ConfigUpdater/arm/ConfigUpdater.odex: now ff671bcb  
patch /system/app/DeskClock/DeskClock.apk: now 33403175  
patch /system/app/DeskClock/arm/DeskClock.odex: now 221a93d9  
patch /system/app/DocumentsUI/DocumentsUI.apk: now 8b6c8ed3  
patch /system/app/DocumentsUI/arm/DocumentsUI.odex: now 823919a1  
patch /system/app/DownloadProviderUi/DownloadProviderUi.apk: now 776882b2  
patch /system/app/DownloadProviderUi/arm/DownloadProviderUi.odex: now 1934b1de  
patch /system/app/Email/Email.apk: now db3e2a73  
patch /system/app/Email/arm/Email.odex: now 40bfce52  
patch /system/app/EngineerMode/EngineerMode.apk: now abd26bcd  
patch /system/app/EngineerMode/arm/EngineerMode.odex: now d3c5d731  
patch /system/app/Exchange2/Exchange2.apk: now a678d6a9  
patch /system/app/Exchange2/arm/Exchange2.odex: now 863f347f  
patch /system/app/FMPlayer/FMPlayer.apk: now 2e566506  
patch /system/app/FMPlayer/arm/FMPlayer.odex: now dfae3ef6  
patch /system/app/FaceLock/arm/FaceLock.odex: now 97e05a25  
patch /system/app/FileExplorer/FileExplorer.apk: now 83a90a0d  
patch /system/app/FileExplorer/arm/FileExplorer.odex: now 843f977e  
patch /system/app/FotaUpdate/arm/FotaUpdate.odex: now 838ffa28

patch /system/app/Galaxy4/arm/Galaxy4.odex: now 3122dbea  
patch /system/app/Gallery2/Gallery2.apk: now 73aa3171  
patch /system/app/GlobalConfigProvider/GlobalConfigProvider.apk: now 6e45e71a  
patch /system/app/GlobalConfigProvider/arm/GlobalConfigProvider.odex: now 7ff963e3  
patch /system/app/Gmail2/arm/Gmail2.odex: now 61d0d85b  
patch /system/app/GoogleCalendarSyncAdapter/arm/GoogleCalendarSyncAdapter.odex: now a7abb60c  
patch /system/app/GoogleContactsSyncAdapter/arm/GoogleContactsSyncAdapter.odex: now e2ab24ec  
patch /system/app/HTMLViewer/HTMLViewer.apk: now 6c3f30d1  
patch /system/app/HTMLViewer/arm/HTMLViewer.odex: now 8d29f216  
patch /system/app/HeartbeatSyncSettings/HeartbeatSyncSettings.apk: now 6a68a130  
patch /system/app/HeartbeatSyncSettings/arm/HeartbeatSyncSettings.odex: now 2285795d  
patch /system/app/HoloSpiralWallpaper/HoloSpiralWallpaper.apk: now fbc8f8bc  
patch /system/app/HoloSpiralWallpaper/arm/HoloSpiralWallpaper.odex: now 741c34d8  
patch /system/app/KeyChain/KeyChain.apk: now d4c36078  
patch /system/app/KeyChain/arm/KeyChain.odex: now f94b29fb  
patch /system/app/LatinIME/LatinIME.apk: now 703bb59f  
patch /system/app/LatinIME/arm/LatinIME.odex: now 9e8afd05  
patch /system/app/Launcher3/Launcher3.apk: now 5759340b  
patch /system/app/Launcher3/arm/Launcher3.odex: now 084f8e87  
patch /system/app/LiveWallpapers/LiveWallpapers.apk: now b0852797  
patch /system/app/LiveWallpapers/arm/LiveWallpapers.odex: now f63851b8  
patch /system/app/LiveWallpapersPicker/LiveWallpapersPicker.apk: now e6c48f8e  
patch /system/app/LiveWallpapersPicker/arm/LiveWallpapersPicker.odex: now 21f53ba2  
patch /system/app/Maps/arm/Maps.odex: now 43dc59fc  
patch /system/app/MsmsStk/MsmsStk.apk: now 54f65a15  
patch /system/app/MsmsStk/arm/MsmsStk.odex: now d59afe91  
patch /system/app/Music/Music.apk: now e237c6a6  
patch /system/app/Music/arm/Music.odex: now 593bd08b  
patch /system/app/NoiseField/arm/NoiseField.odex: now cc0b80fe  
patch /system/app/NoteBook/NoteBook.apk: now 80cc9db2  
patch /system/app/NoteBook/arm/NoteBook.odex: now 7009bac4  
patch /system/app/OpenWnn/OpenWnn.apk: now 0cd962de  
patch /system/app/OpenWnn/arm/OpenWnn.odex: now 1fad53fc  
patch /system/app/PacProcessor/PacProcessor.apk: now c912583a  
patch /system/app/PacProcessor/arm/PacProcessor.odex: now f4b50cf5  
patch /system/app/PackageInstaller/PackageInstaller.apk: now 5fe507c4  
patch /system/app/PackageInstaller/arm/PackageInstaller.odex: now 325df324  
patch /system/app/PhaseBeam/arm/PhaseBeam.odex: now aea7e623  
patch /system/app/PhotoTable/PhotoTable.apk: now 6b193154  
patch /system/app/PhotoTable/arm/PhotoTable.odex: now fb744e0f  
patch /system/app/PicoTts/PicoTts.apk: now 8079077b  
patch /system/app/PicoTts/arm/PicoTts.odex: now ffbc3a45  
patch /system/app/PrintSpooler/PrintSpooler.apk: now 1c1c7774  
patch /system/app/PrintSpooler/arm/PrintSpooler.odex: now 70b33701  
patch /system/app/SGPS/SGPS.apk: now 105634ad  
patch /system/app/SGPS/arm/SGPS.odex: now 2b71871e  
patch /system/app/SimLockSupport/SimLockSupport.apk: now 182fea04  
patch /system/app/SoundRecorder/SoundRecorder.apk: now ec8892bb  
patch /system/app/SoundRecorder/arm/SoundRecorder.odex: now 0ae3409b  
patch /system/app/SprdAppBackup/SprdAppBackup.apk: now eb1dd824  
patch /system/app/SprdAppBackup/arm/SprdAppBackup.odex: now f3c7c102  
patch /system/app/Stk1/Stk1.apk: now 074dcdcb  
patch /system/app/Stk1/arm/Stk1.odex: now d3f29c6e  
patch /system/app/UpdateProvider/arm/UpdateProvider.odex: now d95dd148



patch /system/app/UserDictionaryProvider/UserDictionaryProvider.apk: now 3375aa4d  
patch /system/app/UserDictionaryProvider/arm/UserDictionaryProvider.odex: now 25c771c4  
patch /system/app/ValidationTools/ValidationTools.apk: now eb1ad499  
patch /system/app/ValidationTools/arm/ValidationTools.odex: now 7def7dcd  
patch /system/app/VisualizationWallpapers/VisualizationWallpapers.apk: now 9b083693  
patch /system/app/VisualizationWallpapers/arm/VisualizationWallpapers.odex: now f3fc9e76  
patch /system/app/WAPPushManager/WAPPushManager.apk: now da702f4d  
patch /system/app/WAPPushManager/arm/WAPPushManager.odex: now 229da9fe  
patch /system/app/WebViewGoogle/arm/WebViewGoogle.odex: now ec30a3a8  
patch /system/app/YouTube/arm/YouTube.odex: now 87222331  
patch /system/bin/autotest: now de84b030  
patch /system/bin/debuggerd: now 109d1cd0  
patch /system/bin/mdnsd: now 84b7462f  
patch /system/bin/modemd: now 0a4f306f  
patch /system/etc/recovery-resource.dat: now b03f6a75  
patch /system/etc/security/otacerts.zip: now 8eb951f6  
patch /system/framework/am.jar: now 577535dd  
patch /system/framework/android.policy.jar: now 352c5d2b  
patch /system/framework/android.test.runner.jar: now 352c5d2b  
patch /system/framework/apache-xml.jar: now 20e46e18  
patch /system/framework/appops.jar: now 577535dd  
patch /system/framework/appwidget.jar: now 577535dd  
patch /system/framework/arm/am.odex: now 053096f3  
patch /system/framework/arm/android.test.runner.odex: now 0e35ae9d  
patch /system/framework/arm/appops.odex: now 1a0842d3  
patch /system/framework/arm/appwidget.odex: now e8db8d3f  
patch /system/framework/arm/bmgr.odex: now caf8a800  
patch /system/framework/arm/boot.art: now 57c75389  
patch /system/framework/arm/boot.oat: now b3415fd2  
patch /system/framework/arm/bu.odex: now ad1f058c  
patch /system/framework/arm/com.android.future.usb.accessory.odex: now dac1ece6  
patch /system/framework/arm/com.android.location.provider.odex: now 5a3888a4  
patch /system/framework/arm/com.android.media.remotedisplay.odex: now dcbe3e7f  
patch /system/framework/arm/com.android.mediarmsigner.odex: now f0f841dd  
patch /system/framework/arm/com.broadcom.bt.odex: now 7d633f4c  
patch /system/framework/arm/com.google.widevine.software.drm.odex: now f89134ad  
patch /system/framework/arm/content.odex: now 1111a7b7  
patch /system/framework/arm/dpm.odex: now fc1b2c09  
patch /system/framework/arm/ethernet-service.odex: now d25abbcd  
patch /system/framework/arm/ime.odex: now 5f227afb  
patch /system/framework/arm/input.odex: now 8a3d48d1  
patch /system/framework/arm/javax.obex.odex: now 2ec03d3c  
patch /system/framework/arm/media\_cmd.odex: now f251b7f0  
patch /system/framework/arm/monkey.odex: now f6764667  
patch /system/framework/arm/pm.odex: now d0ceaa83  
patch /system/framework/arm/requestsync.odex: now 95011390  
patch /system/framework/arm/services.odex: now a84d4a2a  
patch /system/framework/arm/settings.odex: now 64916bde  
patch /system/framework/arm/svc.odex: now b9259493  
patch /system/framework/arm/uiautomator.odex: now 1f41da06  
patch /system/framework/arm/wifi-service.odex: now 2d7ce273  
patch /system/framework/arm/wm.odex: now 6430a477  
patch /system/framework/bmgr.jar: now 577535dd  
patch /system/framework/bouncycastle.jar: now fcb81379  
patch /system/framework/bu.jar: now 577535dd  
patch /system/framework/com.android.future.usb.accessory.jar: now 577535dd



patch /system/framework/com.android.location.provider.jar: now 577535dd  
patch /system/framework/com.android.media.remotedisplay.jar: now 577535dd  
patch /system/framework/com.android.mediarms.signer.jar: now 577535dd  
patch /system/framework/com.broadcom.bt.jar: now 8bb15a9f  
patch /system/framework/com.google.widevine.software.drm.jar: now 577535dd  
patch /system/framework/conscrypt.jar: now 46503407  
patch /system/framework/content.jar: now 577535dd  
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patch /system/framework/dpm.jar: now 577535dd  
patch /system/framework/ethernet-service.jar: now 98281909  
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patch /system/framework/framework-res.apk: now 42674aab  
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patch /system/framework/ims-common.jar: now 8bb15a9f  
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patch /system/framework/javax.obex.jar: now 8bb15a9f  
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patch /system/framework/mms-common.jar: now ed37ebb7  
patch /system/framework/monkey.jar: now 352c5d2b  
patch /system/framework/okhttp.jar: now 1116f871  
patch /system/framework/pm.jar: now 7d658772  
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patch /system/framework/services.jar: now deed1236  
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patch /system/framework/svc.jar: now 577535dd  
patch /system/framework/telephony-common.jar: now 6541f7ea  
patch /system/framework/telephony-common2.jar: now 848680a9  
patch /system/framework/uiautomator.jar: now 26f24766  
patch /system/framework/voip-common.jar: now 7d658772  
patch /system/framework/wifi-service.jar: now d52a1df1  
patch /system/framework/wm.jar: now 577535dd  
patch /system/lib/libLLVM.so: now f276b474  
patch /system/lib/libmdnssd.so: now b5599dd5  
patch /system/lib/libstagefright\_soft\_aacdec.so: now 1563cbc1  
patch /system/lib/libstagefright\_soft\_aacenc.so: now 92c2347e  
patch /system/lib/libstagefright\_soft\_hevcdec.so: now cf3b8d07  
patch /system/lib/libwebRTC\_audio\_preprocessing.so: now 1db0040a  
patch /system/preloadapp/VoiceCycle/arm/VoiceCycle.odex: now 590757eb  
patch /system/preloadapp/se\_nena\_nenamark2\_5/arm/se\_nena\_nenamark2\_5.odex: now 58b23da3  
patch /system/priv-app/AndroidForWork/arm/AndroidForWork.odex: now f370c58e  
patch /system/priv-app/BackupRestoreConfirmation/BackupRestoreConfirmation.apk: now 9e31f085  
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patch /system/priv-app/CalendarProvider/CalendarProvider.apk: now 538e43e2  
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patch /system/priv-app/CellBroadcastReceiver/CellBroadcastReceiver.apk: now 4d1ad6f1  
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patch /system/priv-app/Contacts/arm/Contacts.odex: now 1b31982b  
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patch /system/priv-app/ContactsProvider/arm/ContactsProvider.odex: now 57152e2b  
patch /system/priv-app/DefaultContainerService/DefaultContainerService.apk: now 778aac75

patch /system/priv-app/DefaultContainerService/arm/DefaultContainerService.odex: now ca502786  
patch /system/priv-app/Dialer/Dialer.apk: now 39173cc9  
patch /system/priv-app/Dialer/arm/Dialer.odex: now f24a38d6  
patch /system/priv-app/DownloadProvider/DownloadProvider.apk: now 03c7499b  
patch /system/priv-app/DownloadProvider/arm/DownloadProvider.odex: now 61935e18  
patch /system/priv-app/ExternalStorageProvider/ExternalStorageProvider.apk: now 06bc8fcc  
patch /system/priv-app/ExternalStorageProvider/arm/ExternalStorageProvider.odex: now 14e3a3fe  
patch /system/priv-app/FusedLocation/FusedLocation.apk: now 25135faf  
patch /system/priv-app/FusedLocation/arm/FusedLocation.odex: now 2b696a72  
patch /system/priv-app/GmsCore/arm/GmsCore.odex: target 82344084 bytes; free space 86753280 bytes; retry 1; enough 0  
150294528 bytes free on /cache (82339988 needed)  
(now 169099264 bytes free for target) now e6b9aaa2  
patch /system/priv-app/GoogleBackupTransport/arm/GoogleBackupTransport.odex: now ece37b7a  
patch /system/priv-app/GoogleFeedback/arm/GoogleFeedback.odex: now 229dfef2  
patch /system/priv-app/GoogleLoginService/arm/GoogleLoginService.odex: now ea69050c  
patch /system/priv-app/GoogleOneTimeInitializer/arm/GoogleOneTimeInitializer.odex: now 69d9756c  
patch /system/priv-app/GooglePartnerSetup/arm/GooglePartnerSetup.odex: now a6ae178a  
patch /system/priv-app/GoogleServicesFramework/arm/GoogleServicesFramework.odex: now bff55e68  
patch /system/priv-app/InputDevices/InputDevices.apk: now d4ca0da9  
patch /system/priv-app/InputDevices/arm/InputDevices.odex: now 819a20f9  
patch /system/priv-app/ManagedProvisioning/ManagedProvisioning.apk: now 3545cb9a  
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patch /system/priv-app/Mms/Mms.apk: now a67d3077  
patch /system/priv-app/Mms/arm/Mms.odex: now c8033a1d  
patch /system/priv-app/MmsService/MmsService.apk: now abb00e78  
patch /system/priv-app/MmsService/arm/MmsService.odex: now e22ab1bf  
patch /system/priv-app/MusicFX/MusicFX.apk: now 4dbfeaed  
patch /system/priv-app/MusicFX/arm/MusicFX.odex: now 464554db  
patch /system/priv-app/Phonesky/arm/Phonesky.odex: now d0654926  
patch /system/priv-app/ProxyHandler/ProxyHandler.apk: now 86d6dfcf  
patch /system/priv-app/ProxyHandler/arm/ProxyHandler.odex: now 2b1d00b6  
patch /system/priv-app/Settings/Settings.apk: now 1f606e85  
patch /system/priv-app/SettingsProvider/SettingsProvider.apk: now 97d0a7a8  
patch /system/priv-app/SettingsProvider/arm/SettingsProvider.odex: now 7eb0a8ac  
patch /system/priv-app/SetupWizard/arm/SetupWizard.odex: now 42da864d  
patch /system/priv-app/SharedStorageBackup/SharedStorageBackup.apk: now 7c32e2f7  
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patch /system/priv-app/Shell/Shell.apk: now 17ca8987  
patch /system/priv-app/Shell/arm/Shell.odex: now b0f99e1d  
patch /system/priv-app/SystemUI/SystemUI.apk: now 203936eb  
patch /system/priv-app/SystemUI/arm/SystemUI.odex: now 899b09fe  
patch /system/priv-app/TeleService/TeleService.apk: now 85ded560  
patch /system/priv-app/TeleService/arm/TeleService.odex: now 3442cc58  
patch /system/priv-app/Telecom/Telecom.apk: now 39539f6a  
patch /system/priv-app/Telecom/arm/Telecom.odex: now 8effd477  
patch /system/priv-app/TelephonyProvider/TelephonyProvider.apk: now 9b9b0760  
patch /system/priv-app/TelephonyProvider/arm/TelephonyProvider.odex: now b707f93a  
patch /system/priv-app/Velvet/arm/Velvet.odex: now 455f07a4  
patch /system/priv-app/VpnDialogs/VpnDialogs.apk: now a56097df

patch /system/priv-app/VpnDialogs/arm/VpnDialogs.odex: now d43a399a  
patch /system/priv-app/WallpaperCropper/WallpaperCropper.apk: now 74d5a97a  
patch /system/priv-app/WallpaperCropper/arm/WallpaperCropper.odex: now 40ad5719  
patch /system/priv-app/sprdthermal/arm/sprdthermal.odex: now 91ad38dc  
patch /system/priv-app/sprdthermal/sprdthermal.apk: now 9e27eb4a  
patch /system/vital-app/CallFireWall/CallFireWall.apk: now c6995f7f  
patch /system/vital-app/CallFireWall/arm/CallFireWall.odex: now ebfad5b5  
Patching oem files...patch  
EMMC:/dev/block/platform/sdio\_emmc/by-name/boot:8871936:f8e2dfecd085ee1cde97266c10bc  
482f0f809ade:8871936:f1730b3b63564f5a163e1c403f8807b9f3835285:  
Patching boot image...  
partition read matched size 8871936 sha f8e2dfecd085ee1cde97266c10bc482f0f809ade  
150294528 bytes free on /cache (8871936 needed)  
now f1730b3b  
  caches dropped  
verification read succeeded (attempt 1)  
Unpacking new system files...  
minzip: Extracted 5 file(s)  
Unpacking new recovery...  
minzip: Extracted 2 file(s)  
Symlinks and permissions...  
Patching remaining system files...patch /system/build.prop:  
now d9777027  
PackageExtractFileFn :: sleeping after close  
script succeeded: result was [/system]  
  
fota\_update\_install\_finish: status = 0  
2016.12.13 09:55:20 : finish recovery  
l:Saving locale "en\_US"  
l:finish update

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