

[FAQ14751]L 版本Security OTA升级方法

[DESCRIPTION]

L 版本Security OTA升级方法；

[SOLUTION]

首先：修改build/core/makefile如下：（蓝色为添加项）

```
# host tools needed to build dist and OTA packages
SECURITY_SIG_TOOL := vendor/mediatek/proprietary/scripts/sign-image/sign_image.sh
SIGN_TOOL := vendor/mediatek/proprietary/scripts/sign-image/SignTool.pl
FWUPGRADEPACKAGE_SH := ./build/core/FWUpgradePackage.sh
DISTTOOLS := $(HOST_OUT_EXECUTABLES)/minigzip \

endif
ifeq ($(strip $(MTK_SECURITY_SW_SUPPORT)), yes)
#security boot signature
$(hide) cp -ru $(zip_root)/SYSTEM/* $(SYSTEMIMAGE_SOURCE_DIR)
$(hide) $(SHELL) $(SECURITY_SIG_TOOL)
$(hide) cp $(PRODUCT_OUT)/sig/boot.sig $(zip_root)/META/
$(hide) cp $(PRODUCT_OUT)/sig/recovery.sig $(zip_root)/META/
$(hide) cp $(PRODUCT_OUT)/sig/recovery.sig $(zip_root)/SYSTEM/etc/
$(hide) cp
$(SYSTEMIMAGE_SOURCE_DIR)/etc/firmware/S_ANDRO_SFL.ini$(zip_root)/SYSTEM/etc/firmware/
endif

@# Zip everything up, preserving symlinks
$(hide) (cd $(zip_root) && zip -qry ../$(notdir $@) .)
$(hide) (cd $(zip_root) && zip -q ../$(notdir $@) META/*filesystem_config.txt)
$(hide) ./build/tools/releasetools/add_img_to_target_files -p $(HOST_OUT) $@
$(hide) ./build/tools/releasetools/replace_img_from_target_files.py $@ $(PRODUCT_OUT)
ifeq ($(strip $(MTK_SECURITY_SW_SUPPORT)), yes)
$(hide) perl $(SIGN_TOOL) $(MTK_BASE_PROJECT) $(MTK_PROJECT_NAME) $(MTK_PATH_CUSTOM)
$(MTK_SEC_SECMO_AC_SUPPORT) $(MTK_NAND_PAGE_SIZE) $(PRODUCT_OUT) $(OUT_DIR)
$(DEAL_STDOUT_SIGN_IMAGE)
```

注意：最后一行添加的绿色部分，是由文件vendor/mediatek/proprietary/scripts/sign-image/Android.mk 的最后一行copy而来，具体以贵司实际文件内容为准。

然后：build diff OTA升级的步骤如下：

1、new整个project。

2、Step1: ./vendor/mediatek/proprietary/scripts/sign-modem/sign_modem.sh

Step2: ./vendor/mediatek/proprietary/scripts/sign-image/sign_image.sh

3、make otapackage

4、產生差分包： MTK_SECURITY_SW_SUPPORT=yes

./build/tools/releasetools/ota_from_target_files --block -k <key_path> -i old.zip
new.zip update.zip

build full OTA升级的步骤如下：

1、new整个project。

2、Step1: ./vendor/mediatek/proprietary/scripts/sign-modem/sign_modem.sh

Step2: ./vendor/mediatek/proprietary/scripts/sign-image/sign_image.sh

3、make otapackage