## 配置文件升级、ROM升级流程 OSS\_InitSystem ${\tt upgrade\_thread}$ while(1) if(NeedUpGradeFlag == 1 && WebUpGradeFlag == 0 && IsTalkingState() != 1 && NULL != AllocImgBuf()) FolderCreat //创建文件夹: hlfs/provision hlfs/romres copyromfromflash //校验本地ROM完整性 InitUpdateData SendStart2CfgServer UpgradeCfgFile UpgradeFirmWare GetROMFileFromFlash //从flash里拷贝rom文件到hlfs目录下 if(-1 != GetCfgSerInfoFlag)//进程锁 if(-1 != GetFWSerInfoFlag)//进程锁 CreateUdpSocket if(ShowUpgradeFWInfo2LCM == 1) if(0 ==ShowUpgradeImage) if(1 == FWSerInfo.type) CreateUPTTestFile //片内拷贝rom后创建UPT检测标志文件 UdpFastSend taskDelay ReqLCMShowInfo taskDelay ReqLCMShowInfoupgrade\_rom\_file CfgGetFirmwareFilePrefix //获取配置的Firmware文件名前缀 rom\_file\_check //校验文件是否损坏是否需要更新 switch(type) CfgGetFirmwareFilePostfix //获取配置的Firmware文件名后缀 case PROTOCOL\_TFTP case PROTOCOL\_HTTP case PROTOCOL\_FTP case PROTOCOL\_HTTPS transition\_rom\_file //过度版本的预适应、删除垃圾文件 GetFactoryCfgFileByHTTP type: CFG\_FACTORY\_FILE GetRealUpgradePath //根据配置设置升级路径 GetFactoryCfgFileByTFTP ${\tt GetFactoryCfgFileByFTP}$ ${\tt GetFactoryCfgFileByHTTPS}$ if(Connect != Oxffff) if(Connect != 0xffff) if(Connect != 0xffff) != 0xffff) if(Connect GetHtekCfgFileByHTTP // 获取Htek格式配置文件并更新配置 type: CFG\_Htek\_XML\_FILE get\_rom\_path\_info //type=0 0 rom file path 1 rom file head path GetHtekCfgFileByFTP //获取Htek格式配置文件并更新配置 GetHtekCfgFileByHTTPS //获取Htek格式配置文件并更新配置 GetXmlMacCfgFileByTFTP //获取Xml格式配置文件并更新配置 GetXmlMacCfgFileByHTTP //获取Xml格式配置文件并更新配置 type: CFG\_COMM\_XML\_FILE GetXmlMacCfgFileByFTP //获取Xml格式配置文件并更新配置 GetXmlMacCfgFileByHTTPS //获取Xml格式配置文件并更新配置 GetCommCfgFileByTFTP read\_file GetZultysMacCfgFileByTFTP //适配zultys的AutoProvision GetCommCfgFileByFTP GetCommCfgFileByHTTP GetCommCfgFileByHTTPS GetMacCfgFileByHTTP ${\tt GetXorcomMacCfgFileByFTP}$ GetXorcomMacCfgFileByHTTPS case <mark>0</mark> //TFTP case 2 //FTP case 3 //HTTPS case 1 //HTTP GetMacCfgFileByHTTP type: CFG\_MAC\_FILE GetXmlMacCfgFileByHTTP GetMacCfgFileByFTP GetMacCfgFileByHTTPS HTTPGetCommFile tftp\_comm\_url FTPGetCommFile HttpsGetFile GetXmlMacCfgFileByHTTP type: CFG\_MAC\_XML\_FILE GetXmlMacCfgFileByFTP GetXmlMacCfgFileByHTTPS tftp\_get\_comm ConfigUpgradeOpen ftpXfer $resolv {\tt GetHostByName}$ ConfigUpgradeRead SetHttpReqHdr comm\_tftp\_main httpsClientConnection ${\tt ConfigUpgradeClose}$ ShowUpgradeCfgInfo2LCM = 0 RetMCB

if(CfgCheckIfUpgradeOK() < 0) Y

CheckUpgradeFileInfo //升级完毕后检查文件是否齐全正确

SaveCfg2Flash //Check完毕后将清除掉的标志存盘

PostStartLogToServer

rom\_file\_check //检测是否完整并解出

check\_boot\_imge\_new