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| AssetInstaller will mv files after deploy complete or event failed deploy  From  system.deployCdnRequestPath.ott=/NAS\_INGEST01/cdn/ott\_rvod  to  /NAS\_INGEST01/cdn/ott\_rvod\_backup  ------------------------------------------------------  script backup /NAS\_INGEST01/cms/fake/backup.sh : mv OTT files back to NAS\_1 repo  from:  AssetInstaller\_Backup="/NAS\_INGEST01/cdn/ott\_rvod\_backup"  back to:  Repository="/NAS\_INGEST01/cms/repository/asset/\*"    ------------------------------------------------  When First Time Deploy Failed Before push the “**Retry Deploy**”:  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8   |  | | --- | | [root@TESTBED-VOD-CMS 176848]# cd /NAS\_INGEST01/cms/repository/asset/201804/176848  [root@TESTBED-VOD-CMS 176848]# ll  total 25833  -rw-r--r-- 1 root root 26348462 Apr 4 17:56 176848\_2.mpg  -rw-rw-r-- 1 root root 0 Apr 16 15:31 176848\_4.sig  [root@TESTBED-VOD-CMS 176842]# cd /NAS\_INGEST02/cms/repository/asset/201804/176848/  [root@TESTBED-VOD-CMS 176848]# ll  total 1  drwxrwxr-x 2 root root 1024 Apr 16 15:27 176848\_4  -rw-rw-r-- 1 root root 0 Apr 16 15:27 176848\_4.m3u8 |   -------------------------------  1.8 Live version  ===== Case 1 ====  - HD failed, HQ success:  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8  system.deployCdnRequestCopyorMove.stb=0  system.deployCdnRequestCopyorMove.ott=1  So if with this config => retry deploy will move file OTT in filePath -> CDN Request Path  2018-04-16,15:44:32.506,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(772),"longdebugging1: deployingfor STB "  2018-04-16,15:44:32.507,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(796),"assetid(240379), src(/NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg) target(/NAS\_DIST02/cdn/temp/176848\_2.mpg)"  2018-04-16,15:44:32.554,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_DIST02/cdn/temp/176848\_2.mpg"  2018-04-16,15:44:32.563,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(796),"assetid(240380), src(/NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8) target(/NAS\_INGEST01/ott\_rvod/176848\_4.m3u8)"  2018-04-16,15:44:32.565,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_INGEST01/ott\_rvod/176848\_4.m3u8"  2018-04-16,15:53:00.764,INFO,AssetMovingJob.java,[quartzScheduler\_Worker-6]executeInternal(83),"Moving asset - (240380) to (/NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8) success"   |  | | --- | | => - HD failed, HQ success: All files still in NAS\_INGEST01  A\_2.sig => hybrid CDN error path => Error => mark Deploy Failed  A\_4.sig => OTT CDN response path => Success mark Wait for Deploy so will be move to NAS\_INGEST02  **At the End of First Time “Deploy Failed”: OTT Files was move to NAS\_INGEST02:**  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8  - First Time Deploy Failed then Push “**Retry Deploy**” **1 time**:  system.deployCdnRequestCopyorMove.stb=0  system.deployCdnRequestCopyorMove.ott=1  + STB: cp files to CDN Request Path  + OTT: mv files from NAS\_INGEST02 to CDN Request Path => so now there is no file existen in NAS\_INGEST02 any more because:  1. Backup.sh: only copy from AI\_backup to NAS\_INGEST01 only  2. File was already moved to CDN Request Path |   - Second Time Deploy Failed then Push “**Retry Deploy**” **second time**  => will failed because of the file was moved to CDN Request Path Already:  2018-04-16,16:15:00.639,INFO,AssetMovingJob.java,[quartzScheduler\_Worker-4]executeInternal(87),"Retry moving asset - (240380), source file is not exists"  2018-04-16,16:15:31.440,ERROR,ServiceFlowServiceImpl.java,[http-bio-18082-exec-1]deployMediaToCdn(845),"Deploy Media to CDN Error)"  2018-04-16,16:15:31.451,ERROR,ServiceDeployStatusController.java,[http-bio-18082-exec-1]retryDeploy(352),"Retry deploy CDN error: {}"  java.io.FileNotFoundException: Source '/NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4' does not exist  ===== Case 2 =====  - HD success, HQ failed:  /NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_4.m3u8  => Same result with Case 1 when retry deploy 2 times  But at the end have the backup.sh to copy back OTT file to NAS-1 |

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| Operator View:  Action: In tab “Deploy Status”: Filter many Deploy Failed Offer:  => Push “Retry Deploy”  => CMS will execute from the Top new to the oldest Offer  => If the Top new was error => Not execute to retry deploy the next  => So it explain why operator feel long time to wait retry deploy => it execute a lot then when it hit the offer failed, it will stop retry deploy and have notification “File not exist” |