# A. Scenarios

|  |
| --- |
| 1. Emulate: AssetInstaller Move file OTT from OTT CDN Request Path to AssetInstaller OTT Backup folder  - Condition Event Deploy Complete or Failed  - from : system.deployCdnRequestPath.ott=/NAS\_INGEST01/cdn/ott\_rvod  - to : AssetInstaller\_Backup="/NAS\_INGEST01/cdn/ott\_rvod\_backup"  - crontab \*/10 \* \* \* \* root /NAS\_INGEST01/cms/fake/ott\_to\_AIBackup.sh 2>> /NAS\_INGEST01/cms/fake/ott\_AIBackup\_error.log  Log Process from AI:  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:17.410,Success,[3474]OTTAssetDeliveryThread.cpp:Run(284),All nodes deploy failed,All nodes deploy failed  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.355,Report,[3462]AssetManager.cpp:ProcessDone(252),Partial Success Failed. exceptio  n processing,start to process exception.  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.356,Information,[3462]Util.cpp:MoveFile(134),file processing,"MoveFile (/NAS\_INGEST  01/cdn/ott\_rvod/176857\_4.m3u8,/NAS\_INGEST01/cdn/ott\_rvod\_backup/176857\_4.m3u8)"  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.356,Information,[3462]AssetManager.cpp:ProcessDone(263),,Move Backup file(/NAS\_INGE  ST01/cdn/ott\_rvod/176857\_4.m3u8) directory(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4)  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.357,Information,[3462]Util.cpp:MoveFile(134),file processing,"MoveFile (/NAS\_INGEST  01/cdn/ott\_rvod/176857\_4,/NAS\_INGEST01/cdn/ott\_rvod\_backup/176857\_4)"  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.956,Information,[3462]Util.cpp:CopyFile(185),file processing,"CopyFile (/NAS\_INGEST  01/cdn/ott\_rvod/176857\_4\_processing.sig, /NAS\_INGEST01/cdn/ott\_rvod\_error/176857\_4.sig)"  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.957,Information,[3462]Util.cpp:RemoveFile(156),file processing,RemoveFile (/NAS\_INGEST01/cdn/ott\_rvod/176857\_4\_processing.sig)  AssetInstallerViettel\_OTT,1.5.1,2018-04-17,13:12:18.957,Information,[3462]AssetManager.cpp:ClearFiles(460),,clear file(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8) directory(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4)  2. Emulate: Bash Script move OTT File from AssetInstaller OTT Backup folder back to NAS\_INGEST01 Repository:  - Condition When ever have OTT File in AI OTT Backup Folder  - from : AssetInstaller\_Backup="/NAS\_INGEST01/cdn/ott\_rvod\_backup"  - to : Repository="/NAS\_INGEST01/cms/repository/asset/\*"  - crontab \*/10 \* \* \* \* root /NAS\_INGEST01/cms/fake/backup.sh 2>> /NAS\_INGEST01/cms/fake/AIBackup\_OttRepo\_error.log    3. Add new Script to fix deploy failed issue:  - Situation: When File Deploy complete, will have a MoveAsset Job move File from NAS\_INGEST01 to more free storage: NAS\_INGEST02  - Issue : Current AI backup.sh script always move in NAS\_INGEST01 only  - Case :  A. First time Deploy Failed: HD failed, HQ success:  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST02/cms/repository/asset/201804/176848/176848\_4.m3u8  B. First time Deploy Failed: HD success, HQ failed:  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_2.mpg  /NAS\_INGEST01/cms/repository/asset/201804/176848/176848\_4.m3u8 |

# B.Detail Case:

|  |
| --- |
| Before Deploy Failed  select contentSubsetId,fileName,stageCode from contentasset where contentSubsetId='176857';  "contentSubsetId" "fileName" "stageCode"  "176857" "/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_2.mpg" "65"  "176857" "/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_4.m3u8" "65"  2018-04-17,12:40:01.623,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]completionEncoding(940),"Is ready for deploycdn(1)"  2018-04-17,12:40:02.663,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]deployMediaToCdn(772),"longdebugging1: deployingfor STB "  2018-04-17,12:40:02.663,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]deployMediaToCdn(796),"assetid(240391), src(/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_2.mpg) target(/NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg)"  2018-04-17,12:40:02.683,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg"  2018-04-17,12:40:02.685,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]deployMediaToCdn(796),"assetid(240392), src(/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_4.m3u8) target(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8)"  2018-04-17,12:40:02.685,INFO,ServiceFlowServiceImpl.java,[quartzScheduler\_Worker-7]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8"  2018-04-17,12:40:02.686,INFO,AtemeEncodingJob.java,[quartzScheduler\_Worker-7]checkDir(122),"Completed ContentAsset(240392) Encoding"  2018-04-17,13:00:41.477,INFO,ServiceConfirmController.java,[http-bio-18082-exec-14]confirmOffer(172),"USER(castis) confirms offer ids(59143)"  AI\_backup to NAS\_1 repo  2018-04-17\_12:49:10 =========================================================================================  2018-04-17\_12:49:10 ::::::::::move\_ott\_file\_to\_repository start::::::::::  2018-04-17\_12:49:10 mv /NAS\_INGEST01/cdn/ott\_rvod\_backup/176857\_4 /NAS\_INGEST01/cms/repository/asset/\*/176857/  2018-04-17\_12:49:10 mv /NAS\_INGEST01/cdn/ott\_rvod\_backup/176857\_4.m3u8 /NAS\_INGEST01/cms/repository/asset/\*/176857/  [root@TESTBED-VOD-CMS log]# ll /NAS\_INGEST01/cms/repository/asset/201804/176857  total 12444  -rw-r--r-- 1 root root 12690000 Apr 17 12:27 176857\_2.mpg  drwxrwxr-x 2 root root 1024 Apr 17 12:40 176857\_4  -rw-rw-r-- 1 root root 0 Apr 17 12:40 176857\_4.m3u8  --------------------------  First Deploy Failed  A. HD failed, HQ success:  2018-04-17,13:08:01.719,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-2]checkDir(112),"Error Found=/NAS\_DIST02/cdn/error/176857\_2.sig"  2018-04-17,13:08:02.049,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-2]checkDir(133),"FilePath=/NAS\_INGEST01/cdn/ott\_rvod\_sig/176857\_4.sig"  2018-04-17,13:08:02.433,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-2]checkDir(156),"Completed ContentAsset(240392) Deploy CDN"  2018-04-17,13:09:01.032,INFO,AssetMovingJob.java,[quartzScheduler\_Worker-6]executeInternal(83),"Moving asset - (240392) to (/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4.m3u8) success"  => show file in folder:  [root@TESTBED-VOD-CMS ott\_rvod\_sig]# ll /NAS\_INGEST01/cms/repository/asset/201804/176857/  total 12443  -rw-r--r-- 1 root root 12690000 Apr 17 12:27 176857\_2.mpg  -rw-rw-r-- 1 root root 0 Apr 17 13:07 176857\_4.sig  [root@TESTBED-VOD-CMS ott\_rvod\_sig]# ll /NAS\_INGEST02/cms/repository/asset/201804/176857/  total 1  drwxrwxr-x 2 root root 1024 Apr 17 12:40 176857\_4  -rw-rw-r-- 1 root root 0 Apr 17 12:40 176857\_4.m3u8  => show DB:  "contentSubsetId" "fileName" "stageCode"  "176857" "/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_2.mpg" "60"  "176857" "/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4.m3u8" "75"  ========== First Time "Retry Deploy" ==============  2018-04-17,13:13:18.795,INFO,ServiceDeployStatusController.java,[http-bio-18082-exec-5]retryDeploy(348),"start retry CDN deploy"  2018-04-17,13:13:18.803,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(772),"longdebugging1: deployingfor STB "  2018-04-17,13:13:18.803,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(796),"assetid(240391), src(/NAS\_INGEST01/cms/repository/asset/201804/176857/176857\_2.mpg) target(/NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg)"  2018-04-17,13:13:18.823,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg"  2018-04-17,13:13:18.824,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(796),"assetid(240392), src(/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4.m3u8) target(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8)"  2018-04-17,13:13:18.825,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8"  [root@TESTBED-VOD-CMS fake]# ll /NAS\_INGEST01/cdn/ott\_rvod  total 4  drwxrwxr-x 2 root root 1024 Apr 17 12:40 176857\_4  -rw-rw-r-- 1 root root 0 Apr 17 12:40 176857\_4.m3u8  --------------------------  Second Deploy Failed  2018-04-17,13:22:02.013,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-3]checkDir(112),"Error Found=/NAS\_INGEST01/cdn/ott\_rvod\_error/176857\_4.sig"  2018-04-17,13:35:01.544,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-6]checkDir(133),"FilePath=/NAS\_DIST02/cdn/loaded/hybrid\_rvod\_sig/176857\_2.sig"  2018-04-17,13:35:01.891,INFO,CdnCompletionCheckerJob.java,[quartzScheduler\_Worker-6]checkDir(156),"Completed ContentAsset(240391) Deploy CDN"  =========== Push "Retry Deploy" Second Time ===============  2018-04-17,13:37:18.214,INFO,ServiceDeployStatusController.java,[http-bio-18082-exec-5]retryDeploy(348),"start retry CDN deploy"  2018-04-17,13:37:18.222,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(772),"longdebugging1: deployingfor STB "  2018-04-17,13:37:18.223,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(796),"assetid(240391), src(/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_2.mpg) target(/NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg)"  2018-04-17,13:37:18.246,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(838),"Start move file to destFilePath = /NAS\_DIST02/cdn/import\_mpg/hybrid\_rvod/176857\_2.mpg"  2018-04-17,13:37:18.248,INFO,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(796),"assetid(240392), src(/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4.m3u8) target(/NAS\_INGEST01/cdn/ott\_rvod/176857\_4.m3u8)"  2018-04-17,13:37:18.248,ERROR,ServiceFlowServiceImpl.java,[http-bio-18082-exec-5]deployMediaToCdn(845),"Deploy Media to CDN Error)"  2018-04-17,13:37:18.263,ERROR,ServiceDeployStatusController.java,[http-bio-18082-exec-5]retryDeploy(352),"Retry deploy CDN error: {}"  java.io.FileNotFoundException: Source '/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4' does not exist  at org.apache.commons.io.FileUtils.moveDirectory(FileUtils.java:2742)  at com.castis.util.FileUtil.moveDirectory(FileUtil.java:48)    => show in file  total 1  -rw-rw-r-- 1 root root 0 Apr 17 13:34 176857\_2.sig  drwxrwxr-x 2 root root 1024 Apr 17 12:40 176857\_4  -rw-rw-r-- 1 root root 0 Apr 17 12:40 176857\_4.m3u8  -rw-rw-r-- 1 root root 0 Apr 17 13:07 176857\_4.sig  [root@TESTBED-VOD-CMS fake]# ll /NAS\_INGEST02/cms/repository/asset/201804/176857/  total 12443  -rw-rw-r-- 1 root root 12690000 Apr 17 12:27 176857\_2.mpg  => show in DB:  "contentSubsetId" "fileName" "stageCode"  "176857" "/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_2.mpg" "75"  "176857" "/NAS\_INGEST02/cms/repository/asset/201804/176857/176857\_4.m3u8" "60" |