VOS 1.3.x SCRIPT USage DoCUMENT

The following document contains the information about the scripts description and usage. These scripts can be used in VOS environments.

Help Page for VOS Scripts

Contents

[Script name: check\_URL\_stream.py 2](#_Toc491271394)

[Script name: consolidated\_cluster\_tasks.py 2](#_Toc491271395)

[Script name: create\_ats\_destination\_v2.py 2](#_Toc491271396)

[Script name: create\_origin\_destination.py 3](#_Toc491271397)

[Script name: servicecreation.py 3](#_Toc491271398)

[Script name: sourcecreation.py 3](#_Toc491271399)

[Script name: vos\_attach\_ats\_dest\_insertdid.py 3](#_Toc491271400)

[Script name: vos-get-drm.py 4](#_Toc491271401)

[Script name: vos\_serv\_slate\_change\_orange.py 4](#_Toc491271402)

[Script name: vos\_source\_signalloss.py 4](#_Toc491271403)

[Script name: migrate\_channels.py 4](#_Toc491271404)

Scripts Help Document

# Script name: check\_URL\_stream.py

* **Script version**: 1.1
* **Script input parameters**:
  + urls.txt: which contains all the hls.00 urls
* **Script description:** Script to check the http response of hls video streams for the list of the channels provided in the input file urls.txt
* **Script hardcoded parameters:** Check whether the correct input file was added in the script.
* **Script Usage:** *./check\_URL\_stream.py*
* **Script output:** urls with bad response codes.

# Script name: consolidated\_cluster\_tasks.py

* Script version: 1.1
* Script input parameters:
  + vos.py must be in the same path as script.
  + Mesos\_master ip must be provided.
* **Script description:** Script that provides a consolidated list of running tasks with these values TASK\_ID,TASKNAME,FRAMEWORK\_ID,SLAVE\_ID,TASK\_STATE,CPU,MEMORY,ROLE,AVAILABILTY\_ZONE,HOSTNAME,IP,DOCKER\_NETWORK
* **Script hardcoded parameters:** Need to provide the current mesos\_master ip address of the respective cluster and make sure the vos.py is in the same path as the script.
* **Script Usage:** *./ consolidated\_cluster\_tasks.py > consolidatedlist.txt*
* **Script output:** list of all the running tasks with the related information.

# Script name: create\_ats\_destination\_v2.py

* Script version: 2
* Script input parameters:
  + ats\_create\_parameters.csv
  + type,destinationname,redundancyMode,outputType,ipAddress,ipPort,cloudlinkGroupId,destinationProfileId respectively.
  + Sample data that’s needs to be present in the ats\_create\_parameters.csv file
* ATS,WLNE-8787.dfw.720.mobile.ATS,MANDATORY,HARMONIC\_CLOUDLINK,239.243.248.156,40000,6d4375b8-235f-c9be-1043-abcf114c91ec,4a615c16-b23f-bcbd-9f0c-25fb77bc9914
  + Need to provide the hostname of the cluster.
* Script description: Script to create ats destiantions.
* Script lookout parameters: Need to place the ats\_create\_parameters.csv file in the same path as the script.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: *./ create\_ats\_destination\_v2.py*
* Script output: Prints the number of ats destinations successfully added.

# Script name: create\_origin\_destination.py

* Script version: 1.1
* Script input parameters:
  + origin\_create\_parameters.csv
  + type,destination\_name,redundancuMode,outputType,publishName,destinationProfileId
  + Sample data that’s needs to be present in the origin\_create\_parameters.csv file
* ORIGIN,AandEHD-1382.dfw.1080.mobile.origin,MANDATORY,ORIGIN,AandEHD-1382.dfw.1080.mobile,9f812270-3422-48bc-fee5-8eb848c1a8a5
* Script description: Script to create origin destiantions.
* Script lookout parameters: : Need to place the origin\_create\_parameters.csv file in the same path as the script.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./create\_origin\_destination.py
* Script output: Prints the number of origin destinations successfully added.

# Script name: servicecreation.py

* Script version: 1.1
* Script input parameters:
  + serviceinfo.csv
  + csv file which has serviceName,primarySourcename,secondarySourcename,transcoding\_profile\_name, Origin\_Destination\_name,Ats\_Destination\_name, scte35Slate\_imageId respectively.
* Script description: Script to create services using the input parameters.
* Script lookout parameters: serviceinfo.csv file to must be in the same path as the script.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./ servicecreation.py
* Script output: Prints out the number of services added successfully.

# Script name: sourcecreation.py

* Script version: 1.1
* Script input parameters:
  + sourceinfo.csv
  + csv file which has name,cloudlink,ipAddress,ipPort,ssmIpAddresses,slateimageId respectively
* Script description: Script to create sources apart from the source grooming task.
* Script lookout parameters: sourceinfo.csv file to must be in the same path as the script.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./ sourcecreation.py
* Script output: Prints out the number of sources added successfully.

# Script name: vos\_attach\_ats\_dest\_insertdid.py

* Script version: 2
* Script input parameters: No Input parameters
* Script description: Script to attach ATS destinations to services
* Script lookout parameters: Specify the correct hostname depending on the cluster.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./ vos\_attach\_ats\_dest\_insertdid.py
* Script output: Prints the number of destinations attached to services.

# Script name: vos-get-drm.py

* Script version: 1.1
* Script input parameters: NA
* Script description: Script to check the DRM data for all the services present in the cluster.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./ vos-get-drm.py
* Script output: prints the EncrptionInterfaceID,EncrptionInterfacename,EncrptionInterfaceType,URL,id,name,packagingType,resourceId of various DRM systems.

# Script name: vos\_serv\_slate\_change\_orange.py

* Script version: 1.1
* Script input parameters:
  + services.txt
  + List of all the services that are required for slate\_image\_Id insertion.
* Script description: Script to add slate\_imageId to the services.
* Script lookout parameters: Specify the correct hostname depending on the cluster. Specify the correct slate\_imageID.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable. Specify the correct slate\_imageID in the #slate\_img variable.
* Script Usage: ./ vos\_serv\_slate\_change\_orange.py
* Script output: Prints the successful slateImageID for that particular service with the response code.

# Script name: vos\_source\_signalloss.py

* Script version: 1.1
* Script input parameters:
  + sources.txt
  + List of all the sources that are required for signal loss image Id insertion.
* Script description: Script to add signal loss image Id to the sources.
* Script lookout parameters: Specify the correct hostname depending on the cluster. Specify the correct signal loss image\_ID.
* Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable. Specify the correct signalloss\_imageID in the #slate\_img variable.
* Script Usage: ./ vos\_source\_signalloss.py
* Script output: Prints the successful signal loss ImageID for that particular source with the response code.

# Script name: migrate\_channels.py

* Script version: 1.1
* Script input parameters:
  + Inputs:
    - sources.json - get request from all the sources in the old system
    - destinations.json - get request for all the destinations in the old system.
    - services.json - get requeest for all the services in the old system.
    - channellist.csv - CSV file which contains the source name, origin destination name, ats destination name, mobile service name and tv service name in respective order.
* Script description: Script to migrate sources, destinations and services from sources.json, destinations.json and services.json to a new cluster.
* Script hardcoded parameters: Script hardcoded parameters: Need to be careful about the putting the current VOSRT address of the cluster in the #hostname variable.
* Script Usage: ./migrate\_channels.py