Meeting Notes - 25-01-2019

Date

28 Nov 2018

Attendees

- Bart Catrysse
- Rajkumar Narayanan
- Z-Shashank Kumar

Goals

- Dev Update
- Challenges & Blockers
- Road map update

Discussion items

Item	Who	Notes	Jira Ticket	Target	Status

Dev Update	RDK-M /L&T- Shashank	**Update - 17-10-2018**	• RE FPL TV-232	29-Feb-2019	In-Progress

Update - 17-10-2018

- Was compiling WPE OpenCDM and generated libraries/bins required for WPE-Webkit
- Now the new approach would be using the wpeframework from the 2017/07/28 branch and enabling the open cdm
- Bart wants to check with Glee on Licencing & providing the Playready for the RDK community
- Meanwhile we shall proceed with clearkey DRM module for validation
- Shashank able to get the operator reference app in R-Pi and navigate the Apps

Update - 14-11-2018

- Generated the raspberry pi image with opencdm support enabled in WPE.
- Facing RPC communcation between opencdm and cdm interface while trying to test clearkey encrypted content wpe webkit browser.
- We compiled wpe-webkit from "meta-rdk-ext" which is comacst specific and pointing to little older revision, now planning to use metrological wpewebkit from github pointing to latest source.
- Need to create and update the wiki page capturing the details on how to build WPE with opencdm.

Update - 28-11-2018

- Generated the rpi WPE image with metrological wpewebkit.
- Tried to Test the image with shakaplayer clearkey demo url which is available online, session creation with CDM interface from WPE opencdm client is happening and able to pass the initialization data to clearkey drm.
- But we observed an issue in the response message from clearkey drm to the clearkey license server due to which empty keys are issued by the license server for decryption,after analysing the issue we observed that CDMI is sending dummy message which clearkey license server is not able to identify, working on fixing this issue.
- Sent mail to Wouterlucas from metrological asking to share any sample test url or application which they used for testing clearKey.
- Need to start working on integrating Playready drm as high priority and try to debug the clearkey issue on next priority.
- Notify Bart about lxc container status by adding to the mail thread.

Update - 12-12-2018

- Able to test WPE Opencdm with Playready 2.5
- Need to wait until RDKM has playready License to get Playready 3.x
- LGI cannot share the Playready libs due to license issues.
- Try to reporduce/debug the LXC containers shared mem issue using WPE opencdm and cdmi.
- Update the wiki with latest steps to generate the Opencdm image with playready
- Please share the INTEL ticket to address the lx containers issue

Update- 25-01-2019

- Instead of meta-metrological place the working recipe for compiling metrological playready in meta-cmf-restricted
- Upload working image of WPE-Opencdm with playready drm support to wiki and share the link.
- Check if we can use meta-wpe only instead of meta-metrological as this is older version provided by metrological.
- Check if we can use PROVIDES instead of using DISTRO_FEATURES for aamp to provide appropriate wpe webkit.
- Try to come up with simple scenario to reproduce IPC shared buffer issue in container instead of using opencdm.

In-Progress

In-Progress

In-Progress

| Wiki Page Creation | RDK-M /L&T-Raj | Update - 17-10-2018

• Need to send the list of accessible and non accessible links towards the LGI source code to Bart

Update 25-01-2019

• Requested access for LGI operator ref-app code | RDKCMF-8507 | 08-02-2019 | In Progress |

Action items

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