



W3C HTML5 Encrypted Media Extensions

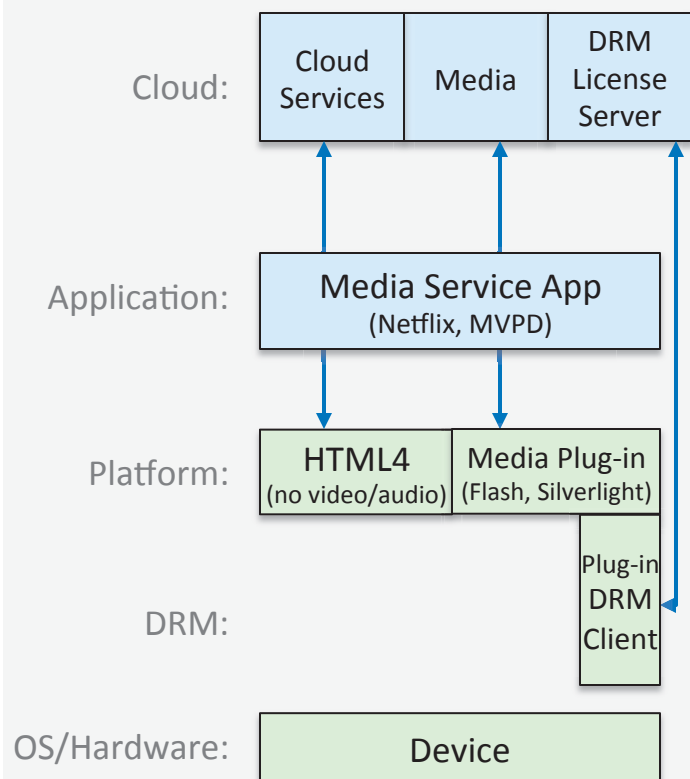
FCC DSTAC WG 3

W3C Encrypted Media Extensions (EME)



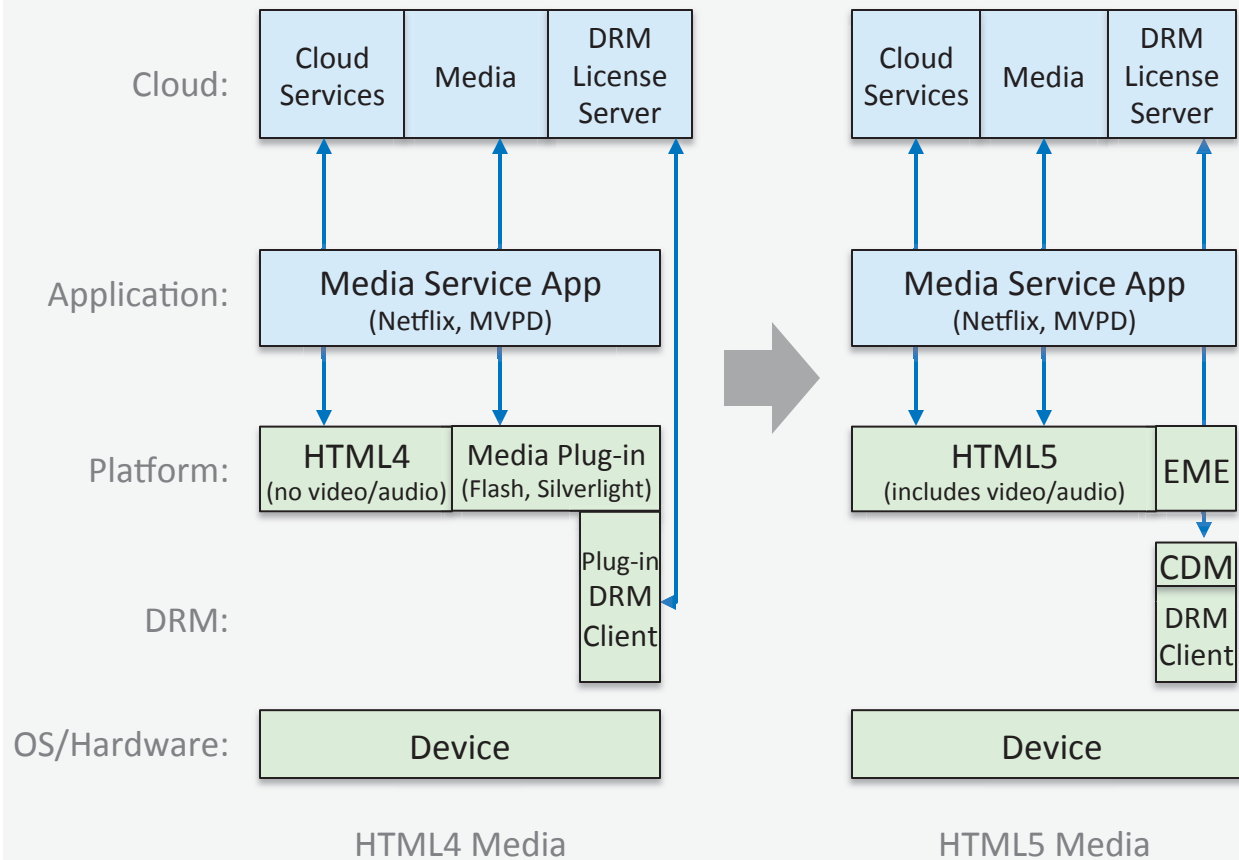
- W3C standard Web application API for protected content playback
 - Browser & OS neutral
 - DRM technology neutral
 - Hardware chip security neutral
- Focused on protected content playback.
 - Video control, subscriber authentication and all other service logic resides in the app
- Adopted by all major browser vendors (Apple Safari, Google Chrome, Microsoft Internet Explorer, Mozilla Firefox, Opera)
- Used by Netflix, DLNA VidiPath, ATSC 3.0
- Supported on PC, mobile, smart TV and other platforms
- Authors: Google, Microsoft, Netflix
- License: Royalty Free

HTML4 to HTML5 + EME



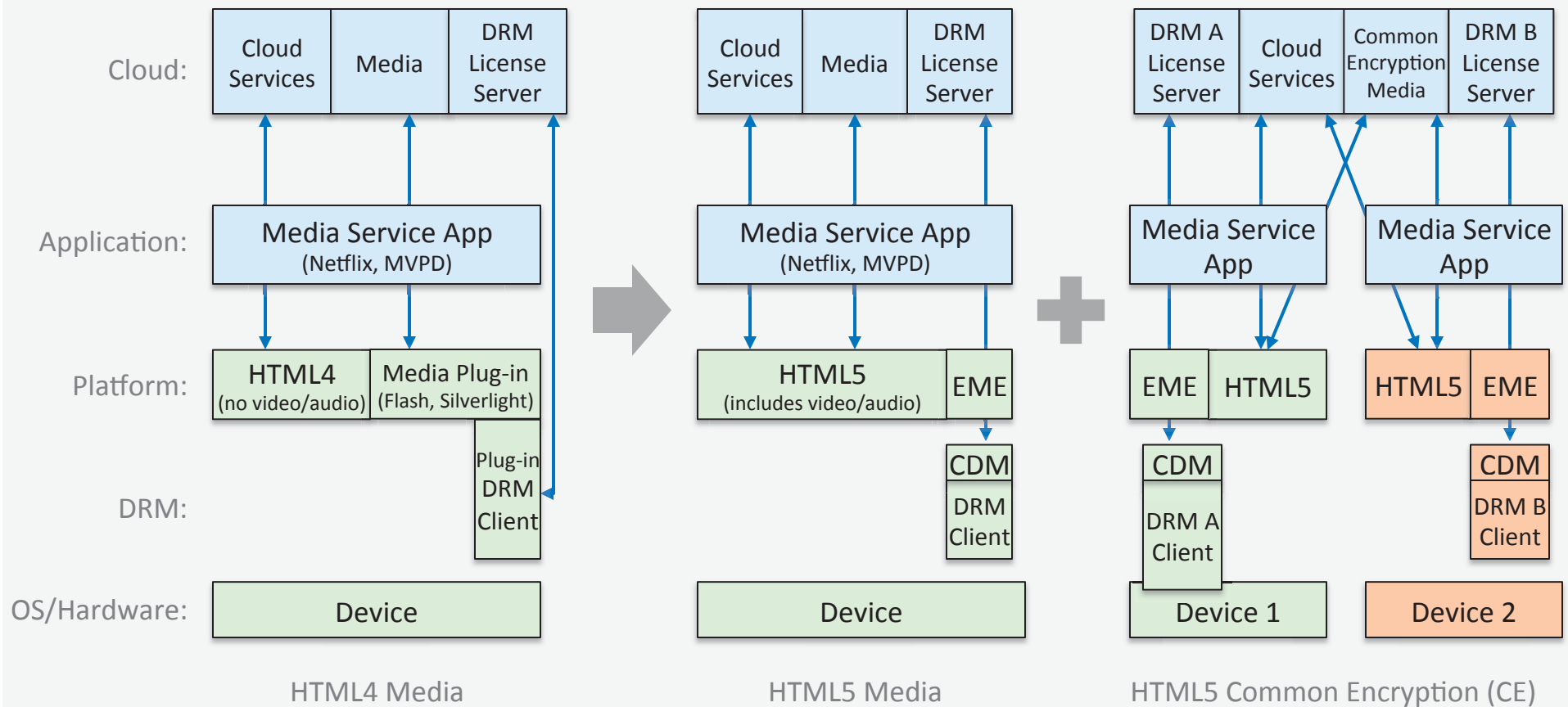
HTML4 Media

HTML4 to HTML5 + EME

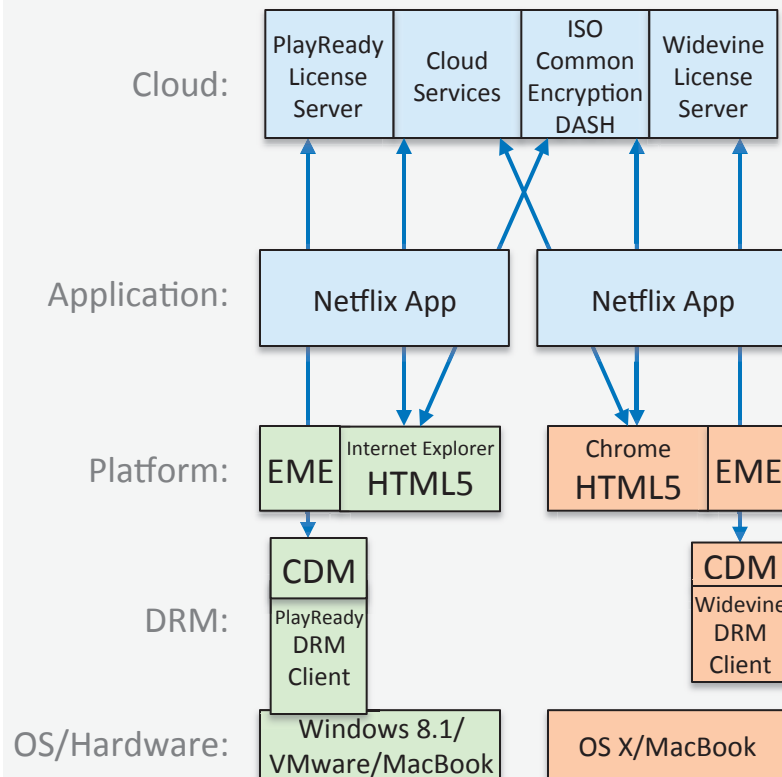


HTML4 to HTML5 + EME

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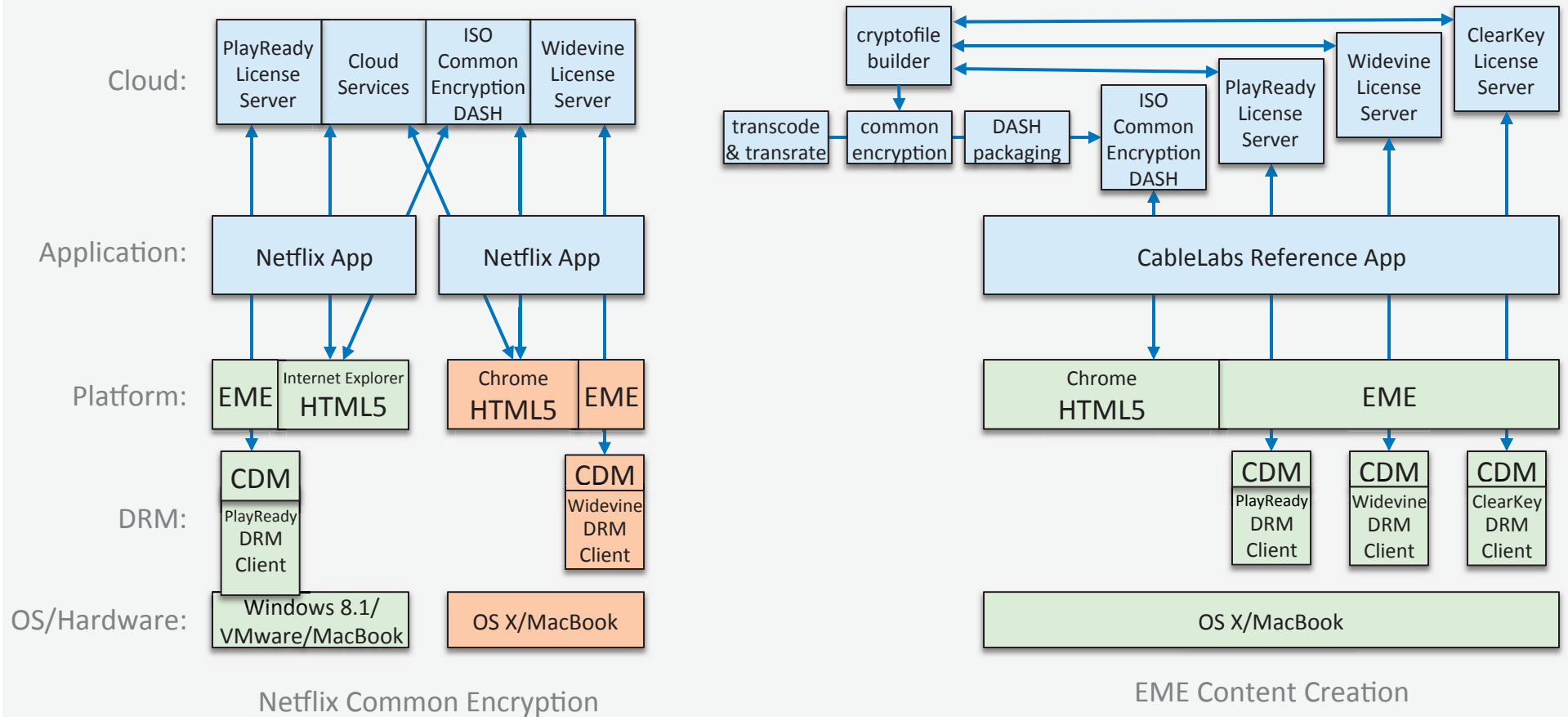
EME Demos



Netflix Common Encryption

EME Demos

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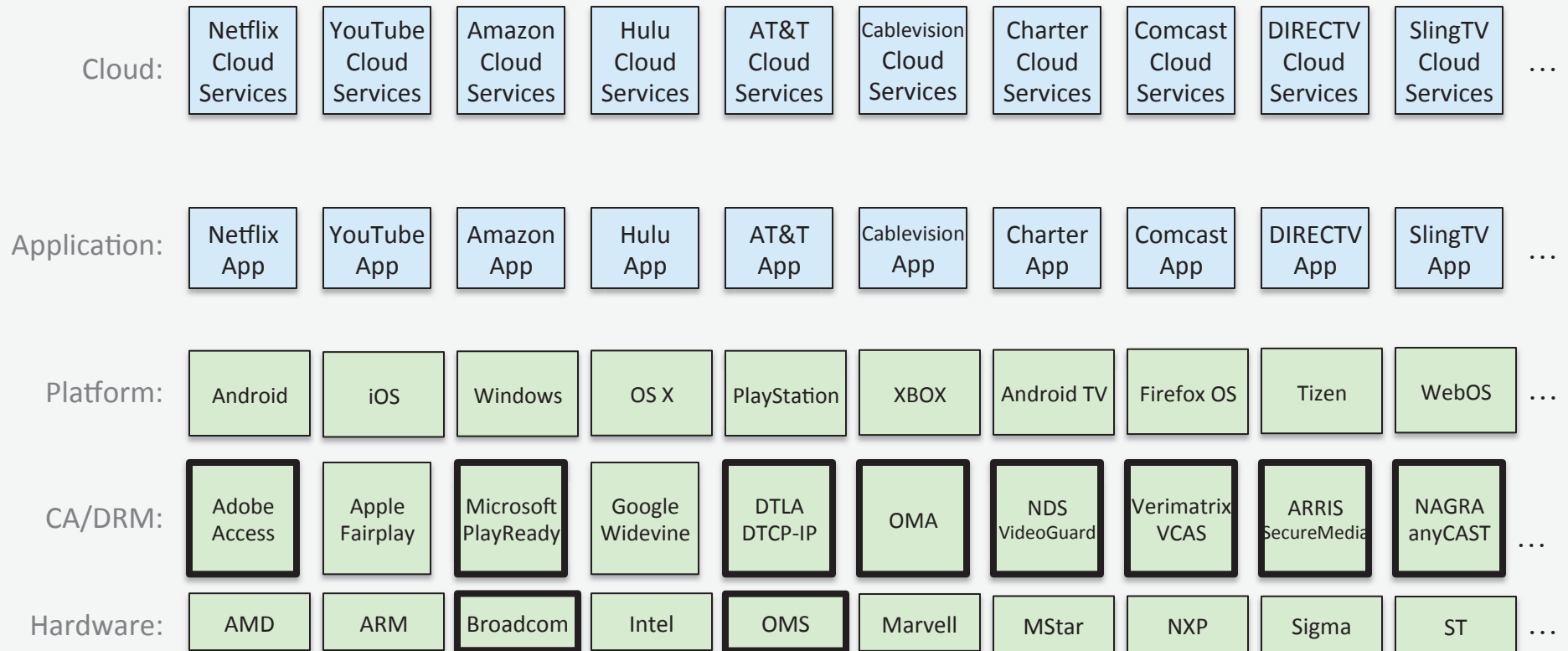
Diversity of Solutions and Standardization

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Cloud:	Netflix Cloud Services	YouTube Cloud Services	Amazon Cloud Services	Hulu Cloud Services	AT&T Cloud Services	Cablevision Cloud Services	Charter Cloud Services	Comcast Cloud Services	DIRECTV Cloud Services	SlingTV Cloud Services	...
Application:	Netflix App	YouTube App	Amazon App	Hulu App	AT&T App	Cablevision App	Charter App	Comcast App	DIRECTV App	SlingTV App	...
Platform:	Android	iOS	Windows	OS X	PlayStation	XBOX	Android TV	Firefox OS	Tizen	WebOS	...
CA/DRM:	Adobe Access	Apple Fairplay	Microsoft PlayReady	Google Widevine	DTLA DTCP-IP	OMA	NDS VideoGuard	Verimatrix VCAS	ARRIS SecureMedia	NAGRA anyCAST	...
Hardware:	AMD	ARM	Broadcom	Intel	OMS	Marvell	MStar	NXP	Sigma	ST	...

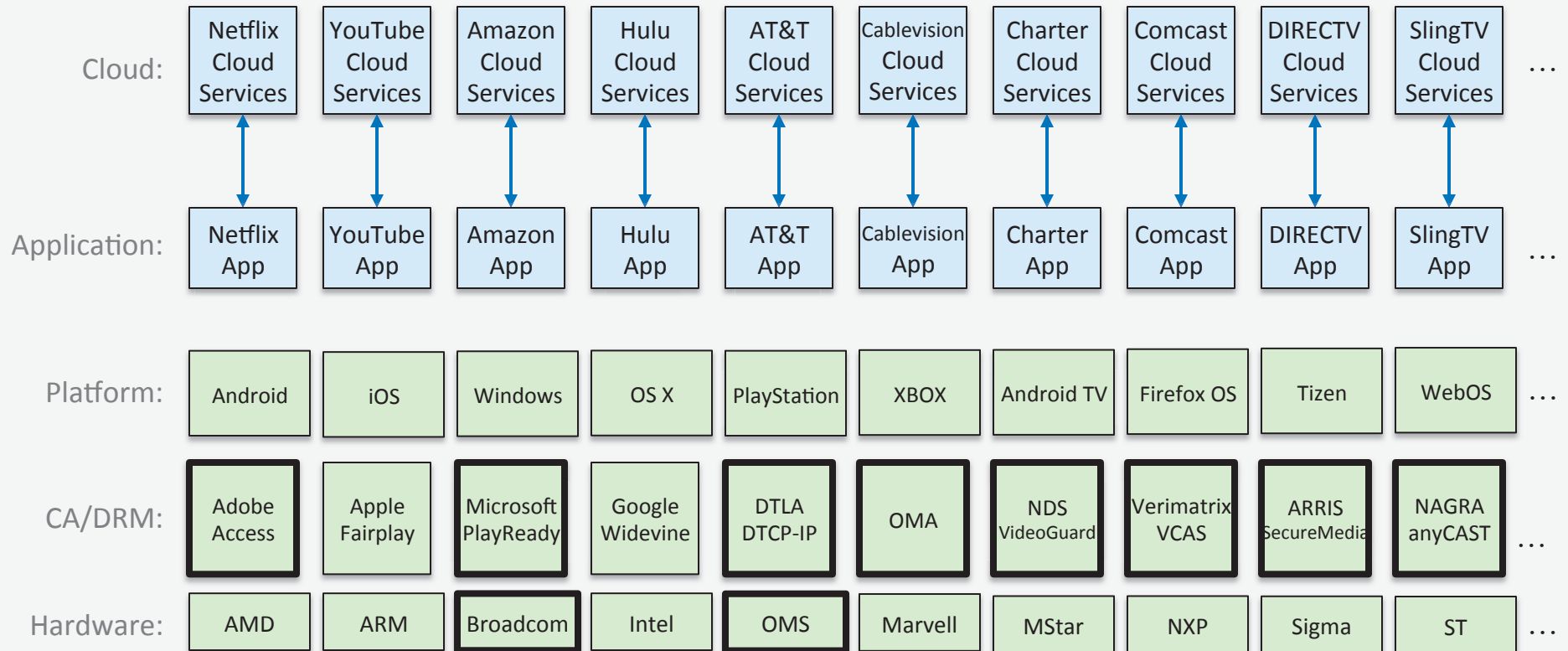
Diversity of Solutions and Standardization

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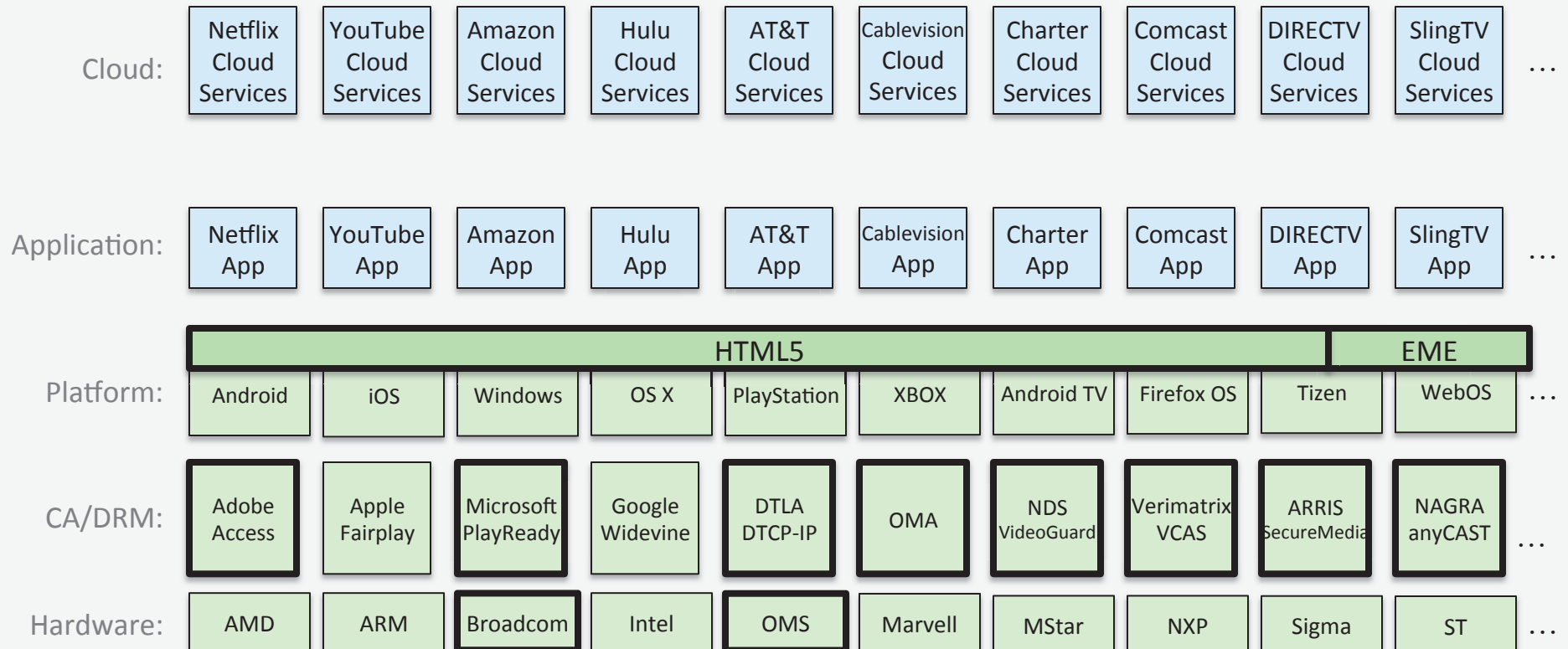
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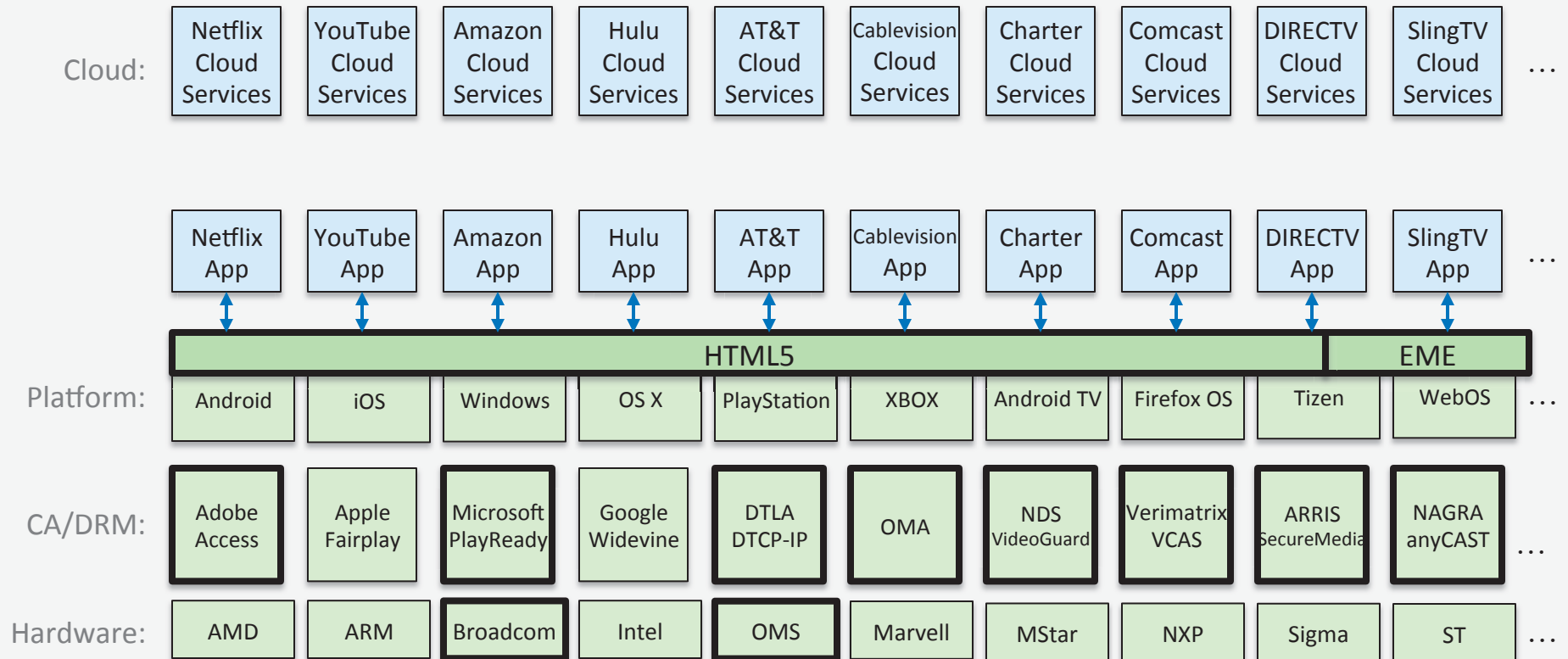
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EME API Details

