

TV Spec Update: DLNA VidiPath

Mark Vickers, Comcast (not representing DLNA)

DLNA VidiPath overview

Specification	VidiPath (vidipath.com)
Organization	DLNA (dlna.org)
Geography	Worldwide spec. First deployment in USA
Deployment status	Some operators (including Comcast) deployed in 2015 Certification available now Devices in interoperability testing, products expected in 2016
Key W3C app specs	HTML5, EME, MSE, Sourcing In-band Media Tracks, WebCrypto
Non-W3C app specs	ECMAScript, ISO DASH, WebGL
Liaisons	DLNA: Amol Bhagwat W3C: Daniel Dardailler, Kazuyuki Ashimura

DLNA VidiPath Issues & Updates

- No W3C profile spec listing all specs included in HTML5 app platform
 - This would help keep external TV specs in synch with mainline HTML5
- TLS Certificate requirements for local VidiPath device
 - Wednesday Plenary Breakout session (<http://tinyurl.com/qjvbvor>)
- Certification includes W3C test suites, but W3C test coverage is thin
- App is all HTML5, same as PC Browsers. Some additional user agent requirements not universal in browsers
 - e.g. UPnP device discovery, Energy Management, Device Management, DTCP-IP