

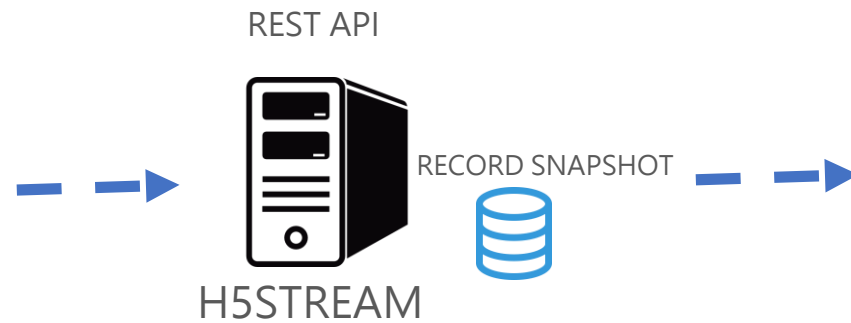
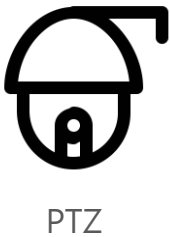
HTML



H5STREAM

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ON-PREMISES



RTSP/RTMP
HLS
WEBSOCKET
WEBRTC



WEBSOCKET/WEBRTC IS HTML5
NATIVE PLAYER WITH LOW
LATENCY(<1s)

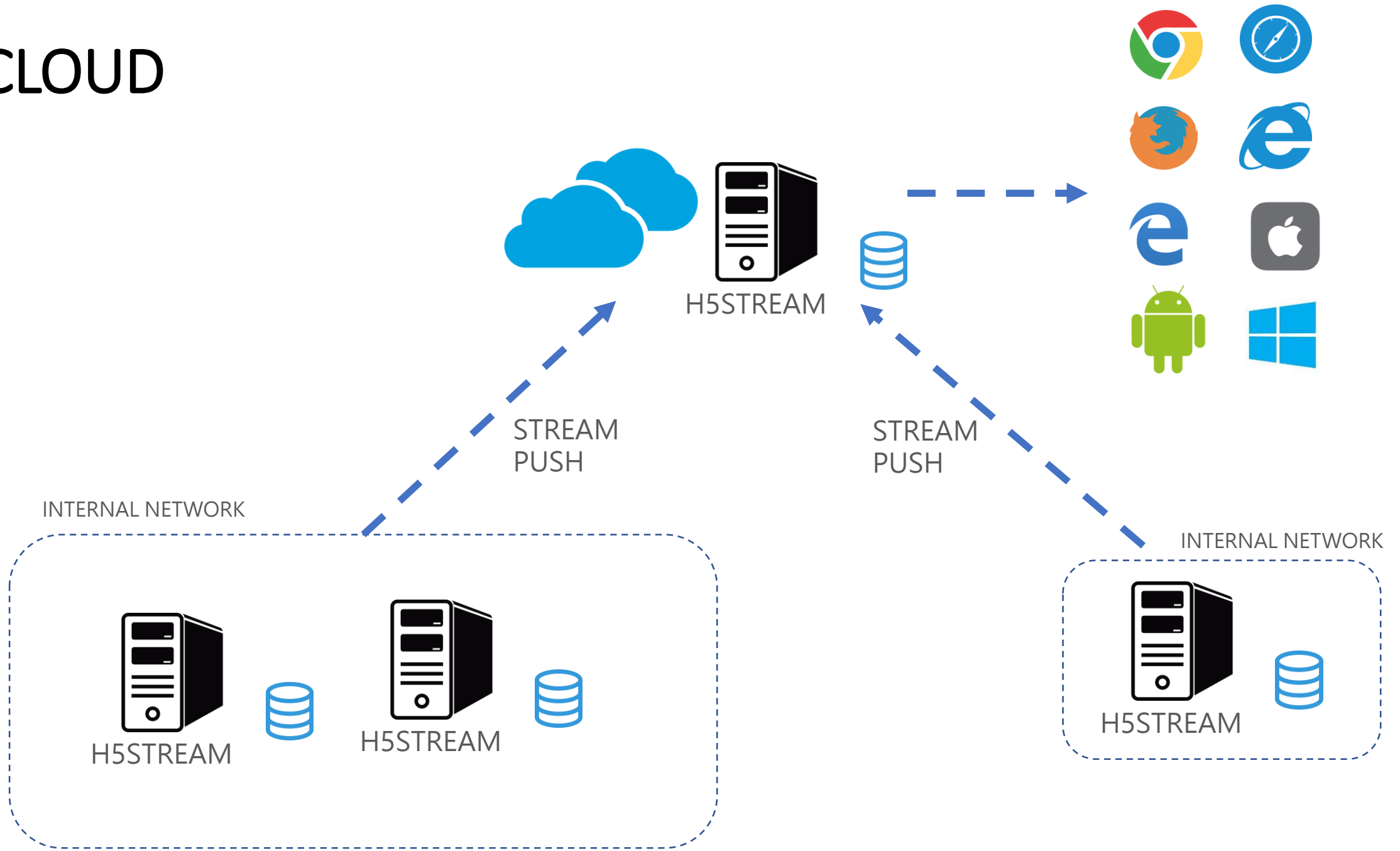
THE LATENCY CAN BE 400ms

ALL VIDEO IS ENCRYPTED

HARDWARE DECODE/RENDERING IN BROWSER

NO TRANSCODING

CLOUD



RESTFUL API

SYSTEM

Login

Logout

Keepalive

SOURCE MANAGEMENT

GetSrc

GetImage

AddSrcFile

AddSrcRTSP

AddSrcONVIF

DelSrc

Ptz

ONVIF

OnvifSearch

OnvifProbe

RECORD

Record

Snapshot

Search

JAVASCRIPT API

WEBSOCKET

H5sPlayerWS

```
/**
 * Interface with h5s websocket player API
 * @constructor
 */
function H5sPlayerWS(conf)
```

```
H5sPlayerWS.prototype.connect
H5sPlayerWS.prototype.disconnect
```

WEBRTC

H5sPlayerRTC

```
/**
 * Interface with h5s WebRTC player API
 * @constructor
 */
function H5sPlayerRTC(conf)
```

```
H5sPlayerRTC.prototype.connect
H5sPlayerRTC.prototype.disconnect
```

RTMP

VideoJS

www.rtmp.html

HLS

H5sPlayerHls

```
/**
 * Interface with h5s websocket player API
 * @constructor
 */
function H5sPlayerHls(conf)
H5sPlayerHls.prototype.connect
H5sPlayerHls.prototype.disconnect
```

```
/**
 @param
 var conf = {
   videoid:'h5sVideo1', //{string} - id of the video element tag
   videodom: h5svideodom1, //{object} - video dom. if there has videoid, just use the videoid
   protocol: window.location.protocol, // {string} - http: or https:
   host: window.location.host, //{string} - localhost:8080
   rootpath>window.location.pathname, // {string} - path of the app running
   token:'token1', // {string} - token of stream
   hlsver:'v1', //{string} - v1 is for ts, v2 is for fmp4
   session:'c1782caf-b670-42d8-ba90-2244d0b0ee83' //{string} - session got from login;
 }
 */
```

COMPATIBILITY

	Chrome	Firefox	IE11	Edge	Safari	WeChat
WIN7	WEBRTC WEBSOCKET	WEBRTC WEBSOCKET	RTMP	-	-	-
WIN 8/10	WEBRTC WEBSOCKET	WEBRTC WEBSOCKET	RTMP WEBSOCKET	WEBRTC	-	-
macOS	WEBRTC WEBSOCKET	WEBRTC WEBSOCKET	-	-	WEBRTC WEBSOCKET	-
iOS 11	HLS WEBRTC	HLS WEBRTC	-	-	HLS WEBRTC	HLS WEBRTC
iOS 8-10	HLS	HLS	-	-	HLS	HLS
Android	WEBSOCKET WEBRTC	WEBRTC WEBSOCKET	-	-	-	HLS

CONFIGURATION FILE

conf/h5ss.conf	
HTTP	HTTP HTTPS server configuration
RTSP	RTSP server configuration, SSL is RTSP over TCP/TLS
RTMP	RTMP server configuration, SSL is RTMP over TCP/TLS
FLV	FLV server configuration, SSL is FLV over HTTPS
HLS	HLS version and parameter configuration
WEBRTC	WEBRTC configuration
SYSTEM	H5stream system configuration such as log and HTTP server thread
USER	User management configuration
SOURCE	Video source configuration, include File/RTSP/RTMP/ONVIF