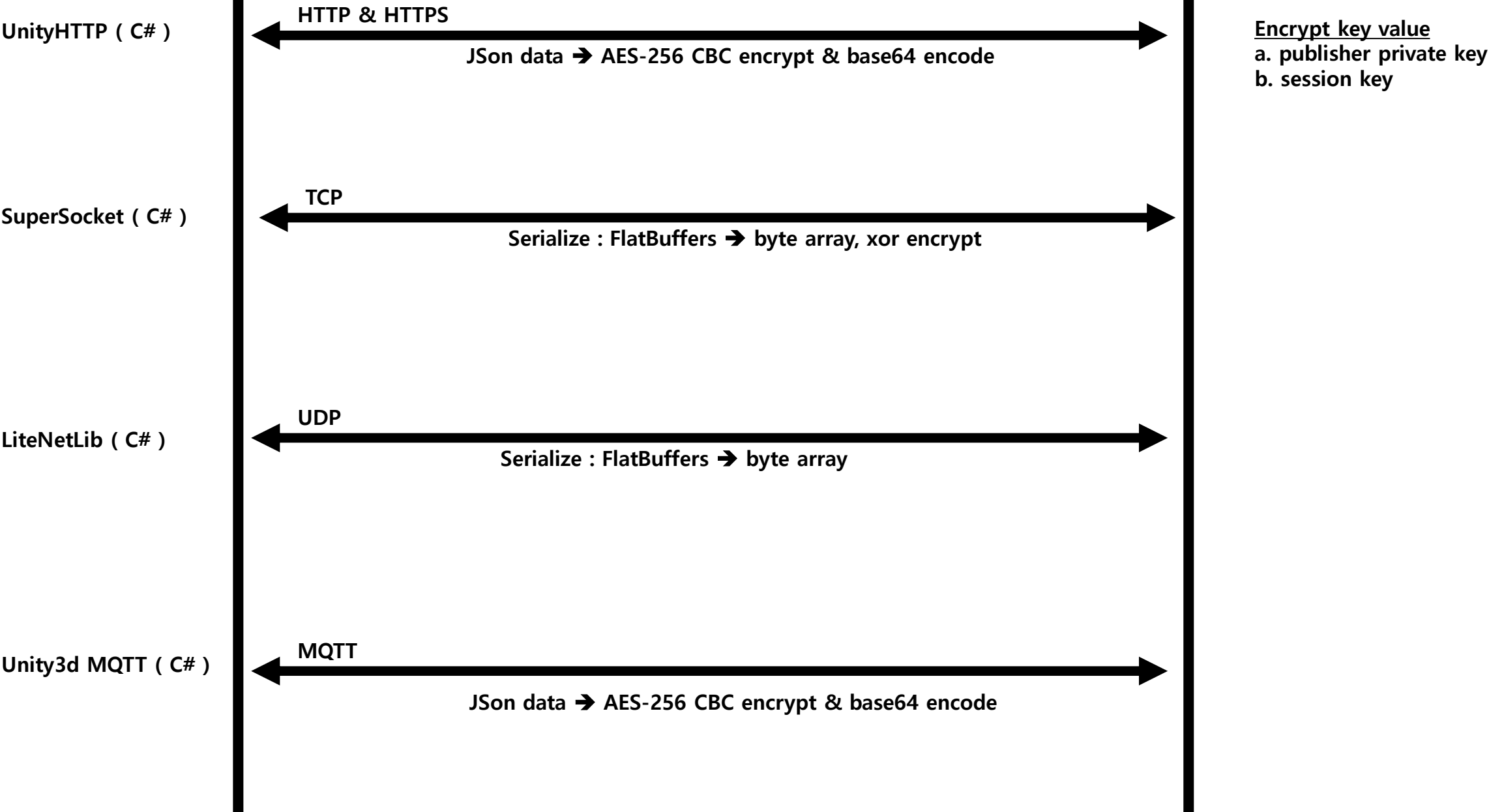


# Platform Info.

- Operating System CentOS Linux release 7.2.1511 ( Core )
- Web front REST API / PHP 7.0.10 ( cli ) ( built: Aug 31 2016 18:07:34 ) ( NTS )
- Web Server Version ( Nginx/1.10.1 )
- RDB Version ( 10.1.19-MariaDB )
- Cache ( Redis-cli 3.2.3 )
- www framework ( Slim3 PHP Framework )
- Database connector ( PHP Data Object )
- Cache Driver ( Predis )

- Windows Server 2012 R2 64bit
- Serialize ( FlatBuffers 1.3.0 / jsoncpp )
- Native Code ( Visual studio 2013 C/C++ )
- Cache ( hiredis connector )
- Http/Https Plugins ( lib curl )
- Socket ( winsock2, IOCP )
- RDB Connector ( x )

# Socket type.



# Packet header

- a. packet max size ( mtu ) ( 65535 )
- b. packet byte order ( little-endian )
- c. packet stack

tcp header [ size : 8 ]	unsigned short	2byte	data size
	unsigned short	2byte	protocol id
	unsigned long	4byte	sequence number ( +@ )
body	bool	1byte	is compressed
	long	4byte	body size - is_compressed => true [ zlib size ] - is_compressed => false [ body all size ]
	unsigned char	1byte	encrypt key value
	flat buffers [ byte array ]		data [ data stream ] : encode [ x-or, key value 1 ]

udp header [ size : 15 ]	unsigned short	2byte	data size	
	unsigned char	1byte	version	// 0 ~ 255
	unsigned long	4byte	security	// peer unique serial key
	unsigned char	1byte	peer id	
	unsigned char	1byte	flags	
	unsigned long	4byte	sequence number ( +@ )	
	unsigned short	2byte	protocol id	
body	flat buffers [ byte array ]		data [ memory stream ]	