RECASTER Technical Specifications Document

Overview:

RECASTER is an IP based content delivery service which enables broadcasters/teleport operators and headends to deliver content from anywhere to anywhere, in a transport stream format, across the globe. RECASTER uses the public internet or any existing IP based infrastructure & an optimized open sourced communication protocol [SRT/RIST] to distribute the TV channels to respective endpoints. The Enlisted features are specific to AWS Marketplace.

Operating System Compatibility

Amazon Linux 2

Server/VM Specification Requirements:

RECASTER AMI	Max Bit Rate at Input & Output	Recommended Instance Type	vCPU	RAM in GB	HDD
RECASTER for 2 streams	20	**c7i.large**	2	4	50
RECASTER for 4 Streams	40	**c7i.xlarge**	4	8	50
RECASTER for 8 streams	80	**c7i.2x large**	8	16	50
RECASTER for 16 streams	160	**c7i.4x large**	16	32	50

Note: Please kindly contact AWS infra support for marketplace if you do not find right instance type

Input & Output Support

- ✓ UDP/RTP [TS over IP]
- ✓ Multicast / Unicast
- ✓ SPTS / MPTS
- ✓ H.264 , H.265 Compressions
- ✓ SD, HD, UHD

Protocol Support

- ✓ SRT/RIST