Intel, Varnish Software and VMware:

a joint vCDN solution

A scalable, powerful and cost-effective vCDN technology stack for media streaming

Delivering more content at higher quality and better user experience while reducing costs is a challenge for service providers. Instead of building capacity for peak demand, a more cost-effective, agile approach is to use cloud-native and virtualization technologies to optimize infrastructure and assign resources as needed.

Intel, Varnish Software and VMWare have partnered to develop a virtualized CDN solution specification and reference architecture: VMware Telco Cloud. Our joint solution offers cost-effective scalability at the edge, for optimized resource provisioning, better service delivery and performance, and unbeatable Quality of Experience for viewers.

It is validated at delivering over 190 Gbps high-quality video from a virtualized edge node, making it possible to unlock the benefits of virtualization - CAPEX-friendly scalability and optimization - without performance loss when compared to bare metal.

VMware Telco Cloud combines:

2nd Gen Intel Xeon Scalable processors

Varnish Edge Cloud

VMware vSphere and NSX

VARNISH SOFTWARE

Together, Intel, Varnish and VMware are solving the four challenges of 5G-ready content delivery that telecoms and network operators face today:

Distribution

Put the edge where you need it and meet low-latency and high bandwidth needs through a scalable and distributed edge architecture with high cache-hit ratios.

Performance

Optimized for high throughput, low latency, smooth media delivery. Deliver video from the edge, with >190Gbps from a single node and high speed TLS termination.

Scale

Virtualized edge caching resources scale on demand to optimize resource utilization for high Quality of Experience at massive scale, with minimized backhaul.

Cost

Manage costs by decreasing OPEX with virtualized infrastructure and decreasing CAPEX on hardware that sits idle. Plus, more agility for making changes to service delivery.

About Varnish Software

Varnish Software's powerful caching technology, Varnish Enterprise, is available for on-premise, cloud and hybrid infrastructure and is packaged into three solutions: Streaming Server, Private CDN and Web and API Acceleration. Founded in 2010, Varnish Software has offices in Oslo, Stockholm, London, New York, Los Angeles, Paris, Tokyo and Singapore.

intel.

vmware®

New York	+1 646 586 2052
Los Angeles	+1 310 648 8474
London	+44 20 7060 9955
Stockholm	+46 8 410 909 30
Singapore	+65 8434 8028

www.varnish-software.com

VARNISH SOFTWARE