



cStor-V[®]
Virtual Packet Capture and Analytics

**NOW AVAILABLE IN
AWS MARKETPLACE!**



aws marketplace

The image is a promotional banner for cPacket's cStor-V virtual appliance. It features a dark blue background with a network of glowing lines and nodes. The cPacket logo is in the top left. The product name 'cStor-V' is prominently displayed in white, with 'Virtual Packet Capture and Analytics' below it. A yellow callout box says 'NOW AVAILABLE IN AWS MARKETPLACE!'. On the right, there is a blue square icon representing the virtual appliance, containing a database symbol, 'cStor-V', and the cPacket logo. The AWS Marketplace logo is in the bottom right.

cPacket cStor-V Now Available on AWS Marketplace

cPacket is excited to announce that the cStor-V Packet Capture and Network Analytics virtual appliance is now available to download on [AWS Marketplace](#). It is now easier than ever to deploy continuous or on-demand cloud packet capture while also benefitting from enterprise-grade network analytics, all from a one or more cStor-V EC2 instances running in AWS.

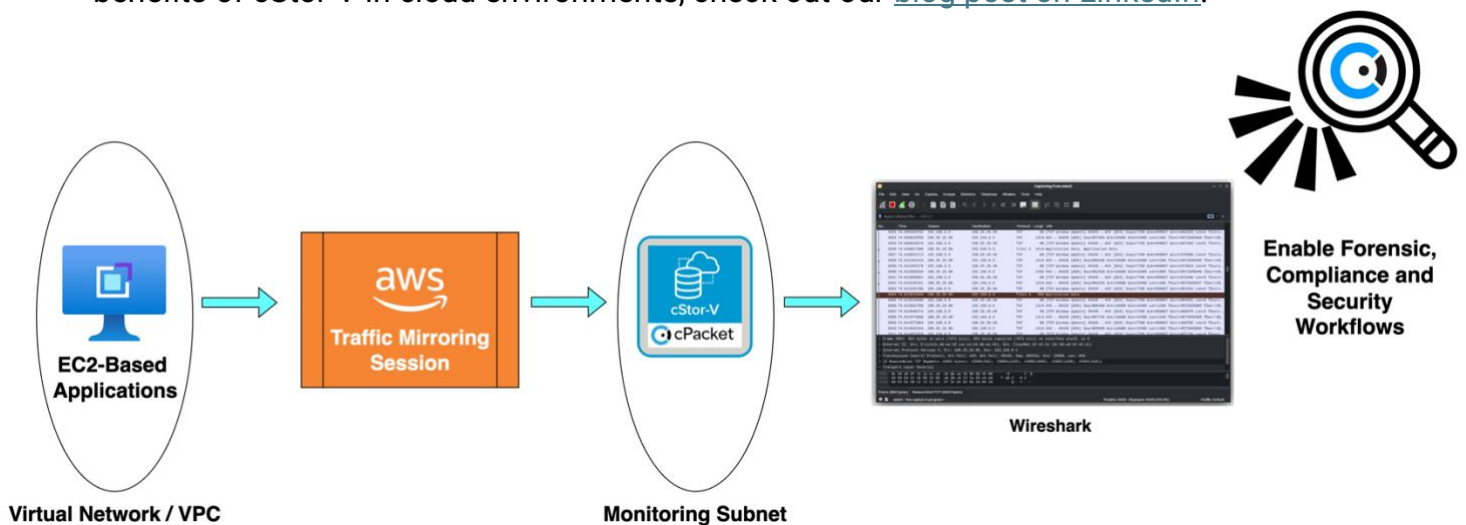
The cStor product line is utilized in every major industry and by Fortune 100 companies, including financial, healthcare, market exchange, government, manufacturing and other sectors. The cStor-V virtual appliance delivers the same experience offered by our cStor S line of high-performance packet capture and analytics appliances in AWS and is now deployable within a matter of minutes from cPacket's [AWS Marketplace listing](#).

Seamlessly Integrates with Native AWS Mirroring

Most third-party cloud packet capture implementations are challenging to deploy and/or manage. Whether deploying agents on individual hosts or designing a packet capture solution around the unique attributes of a particular cloud topology, it can be difficult for cloud operators to navigate the different solutions in the market and identify one which delivers the performance customers demand - without introducing a deployment nightmare! Conversely, cPacket's cStor-V is the easiest way to deploy cloud packet capture capabilities for forensic investigations, troubleshooting, diagnosing complex network issues or even for regulatory compliance use cases.

cStor-V receives network traffic via a seamless integration with AWS Traffic Mirroring to deliver a manageable, scalable integration with AWS native packet mirroring technologies to mirror one or many ENI interfaces to a cStor-V EC2 target. By leveraging the passive benefits of AWS Traffic Mirroring, cPacket's capture solution is extremely flexible and doesn't require users to install agents or re-architect their AWS topology. And for on-demand scenarios, such as those often leveraged in troubleshooting use cases, users can startup a cStor-V instance and temporarily enable AWS Traffic Mirroring for a point-in-time packet capture to identify issues while minimizing accrued costs in AWS.

cStor-V also runs an integrated version of Wireshark on the virtual appliance which enables users to retrieve PCAP traces from the AWS EBS volumes directly. This eliminates the need for PCAP traces to be downloaded to local machines for improved data security and an overall enhanced PCAP retrieval workflow. To learn more about the benefits of cStor-V in cloud environments, check out our [blog post on LinkedIn](#).



Network Analytics + Packet Capture = A Comprehensive Observability Solution

In addition to the benefits of packet capture, cStor-V is capable of generating KPI analytics by analyzing packets received by the EC2 network interface in realtime. This enables users to leverage the benefits of an NPM tool in the cloud for analytics which can often be difficult to characterize in CSP environments. These analytics include things like TCP analytics, UDP analytics, flow analytics, real-time protocol analysis, and more for insights such as:

- Retransmissions
- Zero-window sessions
- Top talkers
- Latency & jitter analytics

- Roundtrip time
- Throughput utilization
- Burst detection
- Server responsiveness

cStor-V includes an instance of Grafana onboard, enabling advanced visualization and dashboarding capabilities directly from the cStor-V user interface. Users can gain insights from included high-level TCP health dashboards, creating custom Grafana dashboards with proprietary metrics, or even by conducting host-based troubleshooting leveraging the network packets mirrored to cStor-V's network interface.

For more information about how cPacket can advance your observability strategy, [contact us](#) today to learn more about our products or to schedule a demo.