Overview
The purpose of MDAP is to enable teams to quickly and easily deploy and operate stateful workloads on any Kubernetes platform including Red Hat OpenShift.

Executive Summary
MDAP allows each development team to run stateful workloads just as they run stateless workloads, without the risk, cost, or stress of approaches that attempt to marry external services or systems to Kubernetes. MayaData Data Agility Platform doesn’t require storage admin skills and helps your DevOps teams achieve data agility on any Kubernetes platform including Red Hat OpenShift, across many platforms, on-premises or in the cloud.

Statement from Partner
"Many organizations have adopted OpenShift to boost the productivity of their developers and to get flexibility in where they can deploy their services in the cloud, without being locked into one provider. That productivity gain is often wasted by centralized storage systems designed for something else than Kubernetes and processes living outside of the cluster. MayaData's MDAP puts the power back in the hands of the developer and brings cutting-edge data agility functionalities that allow portability of workloads across many availability zones and Kubernetes providers. Together with Red Hat OpenShift, MDAP accelerates the deployments and reduces the risk of using Kubernetes for stateful workloads" said Murat Karslioglu, VP of Product Management, MayaData.

Statement from Red Hat Connect
"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner," said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. "Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like MayaData, resulting in the world's largest open, and commercially supportable application ecosystem.

Company Description
MayaData is the leader in open source Container Attached Storage with a product called MDAP – MayaData Data Agility Platform and is a main sponsor and contributor to OpenEBS and Litmus open source projects. The company believes that the best way to deliver storage and related services to containerized and cloud-native environments is with containerized and cloud-native architectures. This approach results in far greater "data agility" than prior methods, greater usability, ease of deployment and management by developers. The company drives data agility with a team that brings hundreds of years of experience building enterprise-class systems for automation, management, security and especially data storage mixed with DevOps and Kubernetes skills.

Product Profile
MayaData Data Agility Platform (MDAP) ties together the Proactive software support with OpenEBS; the leading open source Container Attached Storage, Litmus, chaos engineering for Kubernetes and MayaOnline, a dashboard to monitor and control stateful workloads on Kubernetes. Free DevOps and Kubernetes from storage constraints.

FAST FACTS
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Product Benefits

- Accelerate development of stateful applications
  - Every team has their own OpenEBS deployment - deploy, customize & operate as you need.
  - Developers leverage Litmus based tests for E to E and chaos engineering
  - integrated into MayaOnline.

- Converge storage with Compute on Kubernetes
  - MDAP improves Hyperconverged Infrastructure management on Kubernetes.
  - Eliminates slow, risky and expensive cross node lookups and keeps your data local.
  - Manage OpenEBS just like you manage other Kubernetes native components - no new tools to learn.

- Trust Kubernetes for stateful workloads
  - Your Kubernetes environment is dynamic - use Litmus, chaos engineering for Kubernetes to validate it remains ready to run stateful workloads.
  - Validate that your data is safe thanks to OpenEBS & cross AZ control even when Litmus injects failures such as nodes and network link outages.
  - MayaData helps DevOps teams with its software and expertise to build trust in Kubernetes for stateful applications.

- Cloud independence (run anywhere)
  - OpenEBS extends Kubernetes to provide cloud independence. Node Disk Manager provides a uniform view of cloud provider disks.
  - Improve resiliency through cross AZ OpenEBS, replication and backup.
  - MDAP helps you to see workload performance across all your Kubernetes environments.

Use Cases

- High availability for databases, message busses, and other mission-critical stateful solutions where rapid recovery and fault tolerance are essential

- Persistent storage for OpenShift

- Integrated storage for application runtime and orchestrated platforms

MayaData Data Agility Platform is a Red Hat certified container and is available for customer download from the Red Hat certified container registry. https://access.redhat.com/containers/#/vendor/mayadata

To Schedule a Demo - https://mayadata.io/mdap
For Enquiries - https://mayadata.io/contactus
Try OpenEBS - https://openebs.io