

HORTONWORKS

EMC Business Partner Program for Technology Connect Partners

SELECT PARTNER

Partner Products

- Hortonworks Data Platform

EMC Products

- Isilon OneFS
 - Cost efficiency: EMC Isilon scale-out NAS systems running OneFS allow enterprises to achieve great cost efficiencies
 - Protect data assets: The Isilon OneFS solution provides highly resilient storage with unmatched data protection and availability
 - Faster time to insights: Using Isilon Scale-out NAS, enterprises can consolidate data from multiple islands into one single storage system based on Isilon OneFS

ENTERPRISE ANALYTICS USING EMC ISILON AND HORTONWORKS

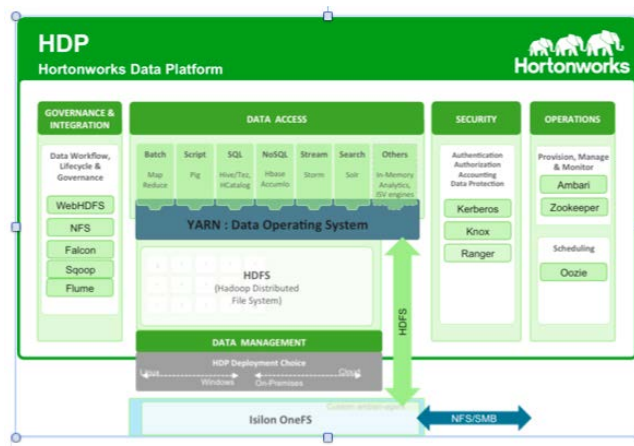
Hortonworks® Data Platform (HDP) together with EMC Isilon® Scale-out NAS running the OneFS operating system provide a complete, tested and robust solution encompassing enterprise grade Apache® Hadoop™ and related projects to form a Data Lake for maximizing the value of your data. The testing for OneFS with Hortonworks is amongst the most rigorous in the industry, which helps ensure that EMC customers can seamlessly deploy an Open Enterprise Hadoop™ distribution for advanced analytics and diverse scale-out data processing workloads. The combination of HDP and Isilon shared storage helps organizations speed time-to-insights, improve storage utilization, eliminate island or silos of storage, and lower storage management costs of migration, security and protection.

EMC ISILON SUPPORT FOR HADOOP

EMC Isilon running OneFS is the first and only scale-out NAS platform with native Hadoop Distributed File System (HDFS) support in addition to traditional Server Message Block (SMB), network file system (NFS), HTTP and FTP protocols. This enables organizations to deploy one shared storage system that works across traditional, new, and emerging workloads.

The Hortonworks Data Platform provides Open Enterprise Hadoop by providing a complete set of essential Hadoop capabilities required by any enterprise in a completely open, integrated and tested platform that is ready for enterprise usage – and most important – with no proprietary holdbacks to lock customers in.

Together Isilon OneFS and HDP provide a powerful and highly efficient solution that combines massively scalable big data storage with robust analytics capabilities to accelerate business insight.



REDEFINE

SOLUTION OVERVIEW

EMC ISILON SCALE-OUT DATA LAKE FOUNDATION

EMC Isilon combined with the Hortonworks Data Platform provides a complete and tested solution that help serve as a rich repository that you can use to derive valuable insights to transform your business to achieve significant advantages. The joint solution provides a powerful and highly efficient scale-out data lake foundation that combines massive and robust enterprise-grade analytics capabilities.

FEATURES AND BENEFITS

Key enterprise business challenges are solved with the joint solution including:

- **Cost efficiency:** EMC Isilon scale-out NAS systems running OneFS allow enterprises to achieve great cost efficiencies by investing in the storage capacity and capability required today – smaller than traditional or Hadoop requirements; scaled in smaller steps proportionate to data growth; data tiered according to value, and greatly simplified management.
- **Protect data assets:** The Isilon OneFS solution provides highly resilient storage with unmatched data protection and availability. Isilon OneFS uses the proven Reed-Solomon erasure encoding algorithm rather than RAID to provide a level of data protection that goes far beyond traditional storage systems.
- **Faster time to insights:** Using Isilon Scale-out NAS, enterprises can consolidate data from multiple islands into one single storage system based on Isilon OneFS. All of this is made possible through the multiple access mechanisms at the protocol level where data can be ingested into the Isilon store from a wide variety of sources and surfaced for use by others.

ABOUT HORTONWORKS

Hortonworks is the leader in emerging Open Enterprise Hadoop and develops, distributes and supports the only 100% open source Apache Hadoop data platform. Our team comprises the largest contingent of builders and architects within the Hadoop ecosystem who represent and lead the broader enterprise requirements within these communities. The Hortonworks Data Platform provides an open platform that deeply integrates with existing IT investments and upon which enterprises can build and deploy Hadoop-based applications. Hortonworks has deep relationships with the key strategic data center partners that enable our customers to unlock the broadest opportunities from Hadoop.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller, visit www.emc.com, or explore and compare products in the [EMC Store](#).

ABOUT EMC

EMC is a global leader in enabling businesses and service providers to transform their operations and deliver IT as a service. Fundamental to this transformation is cloud computing. Through innovative products and services, EMC accelerates the journey to cloud computing, helping IT departments to store, manage, protect, and analyze their most valuable asset— information—in a more agile, trusted, and cost-efficient way.

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