THE DATA INFRASTRUCTURE YOUR AGENCY HAS BEEN WAITING FOR

Data consolidation and data fusion have long been key goals for IT managers. Thanks to emerging technology, the enterprise data hub architecture will help your agency change the way you store, manage and gain new insights from your data. Our infographic explores how.

CHANGING THE BUSINESS OF GOVERNMENT

A recent GovLoop survey of 256 public sector employees explored the benefits of big data in government and found:

cited improved efficiency and productivity via data.

said big data drives improved decision-making.

ñahanbanbahabhñbabah cited transparency and accountability as a reason they use data.

said they use big data to manage resources, budgets and controls costs.

said big data helps control waste, fraud and abuse.

Although there are many benefits to big data,

BIG DATA CHALLENGES

organizations face challenges in leveraging information. Our survey participants cited the following challenges: Unclear mission and goals.

Lack of clarity on metrics.

Lack of education.













Agencies today must be information-driven while managing risk and cost. Cloudera's enterprise data hub, powered by Apache Hadoop™, provides a centralized, low-cost platform to efficiently and securely store, process, analyze, govern, archive, and serve any and all data.

Why an enterprise data hub "EDH" enables your agency to speak a common data narrative. What is an EDH? With an EDH, data can be stored in its original fidelity, accessed through open computing frameworks, and

integrated with existing infrastructures and applications. This provides agencies with a dynamic and growing range of computing capabilities needed for various workloads. Critical mission workloads such as batch processing, interactive SQL, faceted and full-text search, and advanced analytics all share the same infrastructure, with the same security, governance and management frameworks, yet only relying on single source data sets.

foundation - and culture - for data innovation.

Whether you are a chief data officer, analyst or a manager, making good decisions depends on your data. An EDH connects you to information like never before, helping you gain valuable insights and make stronger data-driven decisions.

This frees data sequestered in standalone data silos, which leads to faster time-to-discovery and time-to-action and improves decision-making and mission-driven outcomes. Most importantly, the convergence of data and computing builds a

Benefits for CIO & CDO Benefits for IT Managers Benefits for Analysts



O- Creates a common data narrative across agency

O- Promotes data stewardship

O- Sets a strategic vision

O- Consolidates systems

HOW CLOUDERA CAN HELP

Cloudera Navigator and with solutions like Cloud-

era Search, Cloudera Impala, and Apache Spark ™.

Managing the EDH

Although an EDH presents opportunities to gain new insights from data, leaders must have the confidence they can manage, govern, and secure the EDH. Cloudera brings native systems

and data management applications for Hadoop.

- O- Compliance-ready

O- Integrated, holistic security

O- Audit trail of data and activity

O- Comprehensive resource management



the vendor they most associate with big

- Cloudera will help you transform how you leverage of respondents who are currently doing data with products like Cloudera Manager and a big data project named Cloudera as
 - data. (Source: King Research)



Cloudera Manager

O- Deployment and Configuration Services

O- System Health and QoS/SLA Notification

O- Root Cause Discovery, Analysis, and Solutions

O- Business Continuity and Cluster Maintenance Services

O Enterprise Security, Monitoring, and 3rd Party Integration

- **New Computing Capabilities**
- Cloudera and an EDH provide new computing capabilities to help meet your mission in transformative ways.

Cloudera Navigator Cloudera Navigator is the only native end-to-end data governance solution for Hadoop - providing data management capabilities for users, administrators, and auditors, helping them to govern,

explore, and secure the data within an EDH.

O- Data and Services Usage and Permissions Audit

O- Metadata, Data Discovery, and Data Exploration

O- Data Protection and Key Management

O- Data Lineage and Provenance

O- Data Lifecycle Management

Cloudera Search brings full-text, faceted, and O- Get Answers Quickly with Intuitive,

LEARN MORE ABOUT CLOUDERA AND THE EDH

O- Streamline Operations with other EDH

O- Accelerate Data Exploration and Data Fusion

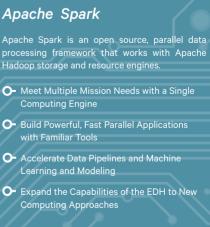
O- Improve Efficiency of Indexing and Storage

Cloudera Search

Mission-Specific Language



Cloudera Impala



Cloudera offers public sector entities a secure and cost-efficient place to

O- Data & Application Consolidation O- Advanced Data Fusion & Analytics O- Improved Security Intelligence & Fraud Detection

clouderagovt.com

The EDH for the Public Sector

store and analyze all their data, empowering them to derive new insights

and correlation while extending the value of existing investments. Visit Cloudera's website to discover the advantages of an EDH for:

O- Infrastructure & Skills Optimization

O- Bring Business Intelligence to Big Data with analytic SQL

Try Apache Hadoop Now Cloudera Live is the fastest and easiest way to get started with Hadoop and it now includes self-guided, interactive demos, and tutorials. With a

- one-button deployment option, agencies can spin up a four-node cluster of CDH, Cloudera's open source Hadoop platform, within minutes. This free, cloud-based Hadoop environment lets you:
- O- Explore the latest features in CDH O- Extend the capabilities of Hadoop and CDH through familiar partner

O- Learn the basics of Hadoop (and CDH) through pre-loaded, hands-on

cloudera.com/live

O- Plan your Hadoop project using your own datasets

cloudera®



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http://www.esa.doc.gov/Reports/fostering-innovation-creating-jobs-driving-better-decisions-value-government-data and the state of the