DATA ACCELERATION: 
HOW TO ENABLE ENTERPRISE INSIGHTS FROM BIG DATA

Done well, a modern data supply chain allows organizations to leverage more data sources and enhance data discovery more quickly.

CHALLENGES

Data acceleration helps organizations address three challenges:

1. How to move data swiftly from its source to places in the organization where it is needed
2. How to process it to gain actionable insights as quickly as possible
3. How to foster faster responses to queries submitted by users or applications—referred to as interactivity

WHY ACCELERATE DATA?

- Supports faster processing by leveraging advances in hardware and software for computer clusters, enabling them to operate more efficiently than ever.
- Reduces user wait time, speeding the ability to gain the insights required to make the business decision facing them and to satisfy their client's expectations.
- Supports faster interactivity by enabling users and applications to connect to the data infrastructure in universally acceptable ways and by ensuring that query results are delivered as quickly as required.

CHOOSING YOUR ARCHITECTURAL COMPONENTS

Organizations can choose from many different data technology components to build the architecture needed to support data acceleration.

BY EXPLORING THE VARIOUS POTENTIAL ARCHITECTURE CONFIGURATIONS, EXECUTIVES CAN INITIATE VALUABLE DISCUSSION ABOUT WHICH CONFIGURATIONS MAY BE BEST FOR THEIR ORGANIZATION'S NEEDS.

TAKING IT STEP BY STEP

CONCLUSION

Big Data brings big challenges and to surmount them, organizations need to establish a data supply chain that accelerates data movement, processing, and interactivity—enabling decision makers to move more swiftly discover and act on insights from their data.

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