



Implement Hadoop sooner

HPE Reference Architecture Implementation Service for Hadoop

This service will allow you to:

- Maximize your Hadoop system's capabilities
- Minimize risk
- Make use of focused expertise
- Meet your implementation schedule
- Maintain your staff's business productivity

HPE consultants will help you implement the HPE Reference Architecture for Hadoop

Big Data has made the transition from a disruptive element in enterprise IT to a mainstream technology. Eagerly adopted by business, government, and education, Big Data is evolving rapidly, with a variety of data sources and formats.

Many organizations are choosing HPE's Reference Architecture (RA) for Hadoop or HPE's Big Data Reference Architectures (BDRA) to store and process this increasing variety and volume of data. Hadoop implements a scale-out architecture model, consisting of hundreds—or thousands—of nodes, yielding massive processing power. The HPE RAs and BDRAs for Hadoop details a specific set of hardware and software, and a tested, Hadoop-proven configuration of it. Relying on a reference architecture relieves much of the burden of choosing and validating hardware and software for this complex data-processing solution.

As with any major IT solution, implementing Hadoop requires a skill set that encompasses not only Hadoop itself, but also the operating system, network, automation, and operations. If your company or enterprise lacks these broad skills or the personnel bandwidth to implement and deploy the reference architecture, another solution is HPE Reference Architecture Implementation Service for Hadoop.

Rely on the Hadoop experts

HPE Reference Architecture Implementation Service for Hadoop is a comprehensive implementation service. It might be a follow-on to your own design effort, or to a design executed by HPE, with important details such as naming, network, authentication, high availability, and disaster recovery.

With this service, experienced HPE Big Data consultants install, configure, deploy, and test your Hadoop environment based on the appropriate HPE RA or BDRA. We'll implement all the details of the original Hadoop design: naming, hardware, networking, software, administration, backup, disaster recovery, and operating procedures. Where options exist, or the best choice is not clear, we'll work with you to configure the environment according to your goals and needs. We'll also conduct an acceptance test to validate and prove that the system is operating to your satisfaction.

Get the answers you need

Perhaps you've already purchased the components of the HPE Reference Architecture for Hadoop, but are running into roadblocks. Or maybe the scheduled implementation date has slipped and is threatening to slip again. Or your IT staff is quite competent, but you need them on business-related tasks instead of trying to ferret out answers from Hadoop documentation.

Solution brief

How can you decide if you need this Hadoop implementation service? See if you have trouble answering questions like these:

- How do I configure the servers?
- How do I configure the Hadoop network and how will I integrate it into the corporate network?
- How do I set up Hadoop for high availability?
- How will I do maintenance, upgrades, and expansion?
- How do I handle authentication in Hadoop?
- How—and where—will data move in and out of Hadoop?
- And how will I manage it all?

Remember, Hadoop requires hardware, operating system, networking, and Hadoop skills. HPE has them. And our consultants can help you put it all together.

Save time and eliminate hassle

HPE consultants will arrive at your site with a wealth of insights and best practices associated with Hadoop. They bring the same high level of skill to bear on your underlying operating system, network, and storage subsystem, too. In fact, your entire implementation is managed and performed by experts who understand Hadoop and who have implemented this very reference architecture before. So you can save time and hassle, and free your staff for those all-important core tasks of building business value.

Imagine, a working Hadoop system

Here's what you can expect:

- Your Hadoop hardware properly configured
- Hadoop network naming and integration into the corporate network implemented according to the Hadoop design
- High availability fully configured, based on the RA or new capabilities of Hadoop
- Authentication services implemented or integrated
- Data ingress/egress systems configured
- Management tools implemented as specified in the RA
- Finally, acceptance test passed and system operation validated

Need more?

We can also offer skilled Hadoop-knowledgeable resources to manage your Hadoop environment, augmenting your own staff as needed.

Count on HPE for Big Data expertise

HPE Reference Architecture Implementation Service for Hadoop is just one of a broad portfolio of HPE consulting services that can help you define, architect, build, and

safeguard an integrated IT strategy for Big Data. Our team of Big Data consultants can devise the most efficient and effective means to capture, consolidate, manage and protect business-aligned information.

With a wealth of experience in Big Data technologies, and armed with specialized methodologies and tools developed in-house and honed over many years, our architects and consultants are backed by the global resources of the world's largest technology company. You'll find our approach to be flexible and collaborative. It's strengthened by knowledge-sharing and a set of highly effective processes. And you can expect Big Data solutions that are at once more effective and easier to manage.

Big Data is not about a single technology. It's a new approach to providing services and value to your business. Our mission is to help you understand Big Data and realize the maximum benefit from your investment in it.

Learn more at hpe.com/us/en/services/consulting/big-data.html



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