Virtualizing Hadoop: How to Install, Deploy, and Optimize Hadoop in a Virtualized Architecture

By George Trujillo, Charles Kim, Rommel Garcia, Justin Murray, Steve Jones

Pearson Education (US). Paperback. Book Condition: new. BRAND NEW, Virtualizing Hadoop: How to Install, Deploy, and Optimize Hadoop in a Virtualized Architecture, George Trujillo, Charles Kim, Rommel Garcia, Justin Murray, Steve Jones, Plan and Implement Hadoop Virtualization for Maximum Performance, Scalability, and Business Agility Enterprises running Hadoop must absorb rapid changes in big data ecosystems, frameworks, products, and workloads. Virtualized approaches can offer important advantages in speed, flexibility, and elasticity. Now, a world-class team of enterprise virtualization and big data experts guide you through the choices, considerations, and tradeoffs surrounding Hadoop virtualization. The authors help you decide whether to virtualize Hadoop, deploy Hadoop in the cloud, or integrate conventional and virtualized approaches in a blended solution. First, Virtualizing Hadoop reviews big data and Hadoop from the standpoint of the virtualization specialist. The authors demystify MapReduce, YARN, and HDFS and guide you through each stage of Hadoop data management. Next, they turn the tables, introducing big data experts to modern virtualization concepts and best practices. Finally, they bring Hadoop and virtualization together, guiding you through the decisions you'll face in planning, deploying, provisioning, and managing virtualized Hadoop. From security to multitenancy to day-to-day management, you'll find reliable answers for choosing your...

Reviews

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