

Yours Truly

Sunil Template



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Chapter 1

The Convergence of Enterprise, Internet Scale, and High Performance Computing Storage Infrastructures

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Abstract

Large scale storage infrastructures have been significantly impacted by the growth in data analytics applications. High Performance Computing storage infrastructures, once the extreme end of the storage scale spectrum, must now adapt to technologies optimized for large scale data analytics applica-

tions. Hardware changes, such as storage class memory, are also affecting how the exascale storage stack will be constructed. We examine use cases, trends, convergent technologies, and new opportunities generated by this technology blending.

1.1 Introduction

this is the intro text

1.1.1 A component part

subsection [1]

1.2 Glossary

360 Degree Review: Performance review that includes feedback from superiors, peers, subordinates, and clients.

Abnormal Variation: Changes in process performance that cannot be accounted for by typical day-to-day variation. Also referred to as non-random variation.

Acceptable Quality Level (AQL): The minimum number of parts that must comply with quality standards, usually stated as a percentage.

Activity: The tasks performed to change inputs into outputs.

Adaptable: An adaptable process is designed to maintain effectiveness and efficiency as requirements change. The process is deemed adaptable when there is agreement among suppliers, owners, and customers that the process will meet requirements throughout the strategic period.

Bibliography

- [1] M. Ilyas, I. Mahgoub, and L. Kelly. *Handbook of Sensor Networks: Compact Wireless and Wired Sensing Systems*. CRC Press, Inc. Boca Raton, FL, USA, 2004.