Introduction to capacity planning for Splunk Enterprise

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You can expand Splunk Enterprise to meet almost any capacity requirement. To take advantage of this scaling capability requires planning. This manual discusses high-level hardware guidance for Splunk Enterprise deployments and describes how Splunk Enterprise uses hardware resources in different situations.

New for Splunk Enterprise version 6.2 and later, this manual supersedes guidance about capacity planning in the Installation and Distributed Deployment manuals. It provides information about reference hardware and a performance checklist to determine when and how you should scale your deployment based on your needs.

Before you decide on hardware for Splunk Enterprise, see the following information:

• Review Components of a Splunk Enterprise Deployment in this manual for a description of the elements in a Splunk Enterprise installation.

• Read about the dimensions of a Splunk Enterprise deployment, how those dimensions impact performance, and how to maximize performance.

• Learn about the basic building block of a Splunk Enterprise deployment in Reference hardware in this manual.