

Download Websphere Application Server 61 Tuning Guide

WebSphere Application Server provides tunable settings for its major components so that you can adjust the runtime environment to match the characteristics of your application. Applications can run successfully without changing the default values for these tuning parameters. Other applications might need changes, for example, a larger heap size, to achieve optimal performance. The WebSphere Application Server Performance Tuning Toolkit is an Eclipse-based intelligent tool. It helps users tune the performance of WebSphere Application Server by using data collection, data analysis, and statistical inference technology. It also helps users locate bottlenecks and tune their applications appropriately. An application server is a Java based server and requires a Java virtual machine (JVM) environment to run and support the enterprise applications that run on it. As part of configuring your application server, you can configure the Java SE Runtime Environment to tune performance and system resource usage. This topic applies to IBM virtual machines for Java.5 WEBSHERE PORTAL V6.1 TUNING GUIDE Application Server Tuning There are many aspects to configuring and tuning an application server in WebSphere Application Server. We found that those aspects presented here were critical to a correctly functioning and optimally performing WebSphere Portal in our laboratory environment.