

Tomcat Option Adjustments That Can Improve Cisco Unified Call Services Performance

Document ID: 91702

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Introduction

This document explains several Tomcat options that can be adjusted to improve the performance of Cisco Unified Call Services, Universal Edition.

Prerequisites

Components Used

The information in this document is based on Cisco Unified Call Services, Universal Edition.

Conventions

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Background Information

Symptoms: Cisco Unified Call Services works normally, but the administrator wants to increase its performance, for example, its ability to handle a higher load.

Resolution: These three Tomcat options can be adjusted to improve Cisco Unified Call Services performance:

- Set the minProcessors to 100 and the maxProcessors to 150. They can be increased if desired, but they must not exceed the range of 200–400.
- Set the acceptCount to a value of 1000.
- Your voice browser must be configured to use persistent connections. In HTTP 1.1, all connections are considered persistent, and, in HTTP 1.0, the keep-alive header is expected to appear in all requests made by the browser. While this is not a Tomcat option, it directly affects the performance of Tomcat when it interacts with your voice browser.

Refer to your system administrators to discuss these changes before you implement them and run tests to see how they affect the performance of your server before you use them in production. That said, we have found these adjustments to be helpful on many occasions.

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Updated: Aug 06, 2007

Document ID: 91702
