# Abstract

# [terminology](app:ds:terminology)

# commercial

**WebSphere Presence Server** 收集、管理和分发用户的实时在线状态信息。该服务器完全与 JavaEE 体系结构集成，支持通过 SIP 协议提供用户在线状态感知功能。

**Oracle Communications Presence**

<http://www.oracle.com/technetwork/middleware/ocp/overview/index.html>

# Appendix

开源的 JAIN-SLEE SIP 软交换 -- Mobicents

<https://www.ibm.com/developerworks/cn/opensource/os-jain-slee/>

JAIN JSLEE JSIP 资料

<http://www.sipcenter.com/sip.nsf/html/JAVA+JAIN+JSLEE+JSIP>

java.net搜索

<http://www.java.net/search/node/xcap>

服务逻辑执行环境

<http://jainslee.org>

mobicents eclipse plugin

<http://mobicents.googlecode.com/svn/downloads/eclipse-update-site/>

<http://ci.jboss.org/jenkins/view/Mobicents/job/MobicentsBooks/lastSuccessfulBuild/artifact/sip-presence/index.html>