# Abstract

# [terminology](app:ds:terminology)

## SIMPLE

（**SIP for Instant Messaging and Presence Leveraging Extensions**），是一个基于[sip协议](http://zh.wikipedia.org/wiki/%E4%BC%9A%E8%AF%9D%E5%8F%91%E8%B5%B7%E5%8D%8F%E8%AE%AE)的即时消息通信协议族。此协议由[IETF](http://zh.wikipedia.org/wiki/%E4%BA%92%E8%81%94%E7%BD%91%E5%B7%A5%E7%A8%8B%E5%B7%A5%E4%BD%9C%E5%B0%8F%E7%BB%84)的IMPP工作组提出，与SIMPLE协议类似的协议还有[XMPP](http://zh.wikipedia.org/wiki/XMPP)。

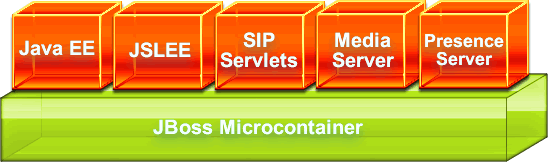
## XCAP

（XML Configuration Access Protocol）是[SIMPLE](http://tools.ietf.org/wg/simple/)协议的一部分。The XCAP protocol is based on the following [IETF](http://en.wikipedia.org/wiki/IETF) standards: RFC4825 [[1]](http://en.wikipedia.org/wiki/XML_Configuration_Access_Protocol#cite_note-0), RFC4826 [[2]](http://en.wikipedia.org/wiki/XML_Configuration_Access_Protocol#cite_note-1), RFC4827 [[3]](http://en.wikipedia.org/wiki/XML_Configuration_Access_Protocol#cite_note-2), RFC5025[[4]](http://en.wikipedia.org/wiki/XML_Configuration_Access_Protocol#cite_note-3)

# Mobicents SIP Presence

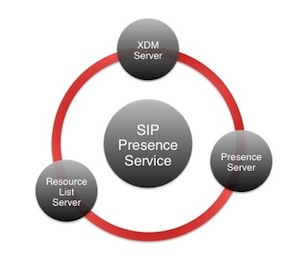
## Mobicents Platform

Jboss VoIP Java Platform architecture



## SIP Presence

**SIP Presence**组建在Mobicents JAIN SLEE之上。提供了基于SIP网络的presence功能，



XDM Server

The XDMS includes the following XCAP Application Usages:

* [IETF Presence Rules (RFC 5025)](http://tools.ietf.org/html/rfc5025)
* [OMA Presence Rules (OMA Presence Simple v1.1)](http://www.openmobilealliance.org/Technical/release_program/Presence_simple_v1_1.aspx)
* [IETF Resource Lists](http://tools.ietf.org/html/rfc4826)
* [OMA Group Usage List (OMA XDM v1.1)](http://www.openmobilealliance.org/Technical/release_program/xdm_v1_1.aspx)
* [IETF RLS Services (RFC 4826)](http://tools.ietf.org/html/rfc4826)
* [OMA User Profile (OMA XDM v2.0)](http://www.openmobilealliance.org/Technical/release_program/xdm_v2_0.aspx)
* [OMA Locked User Profile (OMA XDM v2.0)](http://www.openmobilealliance.org/Technical/release_program/xdm_v2_0.aspx)
* [IETF XCAP-CAPS (RFC 4825)](http://tools.ietf.org/html/rfc4825)
* [OMA XCAP Directory (OMA XDM v1.1)](http://www.openmobilealliance.org/Technical/release_program/xdm_v1_1.aspx)

## JAIN SLEE Develop

1. Depand Softwaare

[mobicents eclipse plugin](http://mobicents.googlecode.com/svn/downloads/eclipse-update-site/) 地址:

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

mobicents-jainslee-2.4.1

1. [Hello SLEE World Service JAIN SLEE Tutorial](http://community.jboss.org/wiki/HelloSLEEWorldServiceJAINSLEETutorial)

注意设置JBOSS\_HOME，指向mobicents-jainslee-2.4.1\jboss-5.1.0.GA

# Appendix

## 开源sip/simple/xcap

|  |  |  |  |
| --- | --- | --- | --- |
| Mobicents | [Website](http://www.mobicents.org/) | Java /jboss Server |  |
| Kamailio(OpenSER) | [Website](http://www.kamailio.org/w/) | C | GPL 2.0 |
| OpenSIPS | [Website](http://opensips.org/) | C |  |
|  |  |  |  |

[OpenXCAP](http://openxcap.org/) server在OpenSIPS代理封包的外围工作。

## JAIN SLEE related links

1. [SIP Presence Service User Guide](http://ci.jboss.org/jenkins/view/Mobicents/job/MobicentsBooks/lastSuccessfulBuild/artifact/sip-presence/index.html)
2. [开源的 JAIN-SLEE SIP 软交换 -- Mobicents](https://www.ibm.com/developerworks/cn/opensource/os-jain-slee/) (中文)
3. [JAIN JSLEE JSIP resouces](http://www.sipcenter.com/sip.nsf/html/JAVA+JAIN+JSLEE+JSIP)

## 相关资料

1. [优秀的Voip门户网站](http://www.voip-info.org/)

java.net搜索

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

服务逻辑执行环境

<http://jainslee.org>

## commercial App

1. **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。
2. **Oracle Communications Presence**

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