

JPS Interfaces

The JPS has interfaces, implemented as plug-ins, to communicate with:

- Application managers, such as the SAE
- Record-keeping servers
- CMTS devices

The JPS is relatively stateless, but the individual plug-ins can be stateful.

The JPS uses the Common Open Policy Service (COPS) protocol as specified in the PacketCable Multimedia Specification PKT-SP-MM-I03-051221 for its interface connections. The JPS communicates with the CMTS device and the application manager by using a COPS over Transmission Control Protocol (TCP) connection.

Application Manager to Policy Server Interface

To allow the JPS to communicate with the application manager, this interface accepts and manages COPS over TCP connections from application managers, such as the SAE.

Policy Server to RKS Interface

To allow the JPS to communicate with a set of redundant record-keeping servers, this interface sends a policy event message to the RKS when receiving a PCMM-COPS gate control (request, delete, update) message. This interface also sends time change events to the RKS.

Policy Server to CMTS Interface

To allow the JPS to communicate with policy enforcement points (PCMM devices), this interface initiates and manages COPS over TCP connections with CMTS devices.

- Related Topics**
- Overview of the JPS
 - JPS Framework
 - Configuring the JPS
 - Connections to Managed Devices
 - Viewing JPS State

