



APPENDIX **B**

Performance Objects and Counters for Cisco Unified Presence

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This appendix provides information on Cisco Unified Presence-related objects and counters.

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- [Proxy, page 3](#)

Presence Engine

The Presence Engine object provides information about the SIP messages that the Presence Engine receives and sends. [Table B-1](#) contains information about Presence Engine performance counters.

Table B-1 *Presence Engine*

Counters	Counter Description
Subscribe	
SubscribesReceived	This counter represents the number of SUBSCRIBE messages received by the Presence Engine, including initial subscribes, refreshes, fetches & unsubscribes.
SubscribesSent	This counter represents the total number of SUBSCRIBE messages sent from the Presence Engine.
SubscribesReceivedPresence	This counter represents the number of SUBSCRIBE messages received by the Presence Engine with an event type of <i>presence</i> .
SubscribesReceivedProfileConfig	This counter represents the number of SUBSCRIBE messages received by the Presence Engine with an event type of <i>profileconfig</i> .
SubscribesInitial	This counter represents the number of initial non-calendar SUBSCRIBE messages received.
SubscribesRefresh	This counter represents the number of non-calendar refresh SUBSCRIBE messages received.
SubscribesFetch	This counter represents the number of non-calendar fetch SUBSCRIBE messages received.
SubscribesRemove	This counter represents the number of non-calendar Remove SUBSCRIBE messages received.

Table B-1 Presence Engine

Counters	Counter Description
ActiveSubscriptions	This counter represents the number of non-calendar subscriptions that are currently active.
SubscribesRedirect3xx	This counter represents the number of SUBSCRIBE messages redirected with a 3xx response.
SubscribesReject4xx	This counter represents the number of SUBSCRIBE messages rejected with a 4xx response.
SubscribesReject5xx	This counter represents the number of SUBSCRIBE messages rejected with a 5xx response.
SubscribesReject6xx	This counter represents the number of SUBSCRIBE messages rejected with a 6xx response.
SubscribesRejectedWith503	This counter represents the number of SUBSCRIBE messages rejected with a 503 responses.
Calendar	
ActiveCalendarSubscriptions	This counter represents the number of calendar subscriptions that are currently active.
SubscribesSentCalendarInitial	This counter represents the number of initial SUBSCRIBE messages sent by the Presence Engine to the calendar server.
SubscribesSentCalendarRefresh	This counter represents the number of refresh SUBSCRIBE messages sent by the Presence Engine to the calendar server.
SubscribesReceivedCalendar	This counter represents the number of SUBSCRIBE messages received by the Presence Engine with an event type of <i>calendar</i> .
NotifiesReceivedCalendar	This counter represents the number of NOTIFY messages by the Presence Engine with an event type of <i>calendar</i> .
NotifiesSentCalendar	This counter represents the number of NOTIFY messages sent from the Presence Engine with an event type of <i>calendar</i> .
Publish	
PublicationsProcessed	This counter represents the number of successful publications processed by the Presence Engine.
PublishInitial	This counter represents the number of initial PUBLISH messages received.
PublishRefresh	This counter represents the number of refresh PUBLISH messages received.
PublishModify	This counter represents the number of modify PUBLISH messages received.
PublishRemove	This counter represents the number of remove PUBLISH messages received.
Notify	
NotificationsInQueue	This counter represents the number of the existing number of outgoing NOTIFY messages queued by the Presence Engine.
NotifiesSent	This counter represents the number of successful NOTIFY messages sent out by the Presence Engine.
NotifiesReceived	This counter represents the number of NOTIFY messages received by the Presence Engine from backend subscriptions.
NotifiesSentPresence	This counter represents the number of NOTIFY messages sent from the Presence Engine with an event type of <i>presence</i> .

Table B-1 Presence Engine

Counters	Counter Description
NotifiesSentProfileConfig	This counter represents the number of NOTIFY messages sent from the Presence Engine with an event type of <i>profileconfig</i> .
NotifyRetry	This counter represents the number of NOTIFY messages sent that were retried.
NotifyTimeout	This counter represents the number of NOTIFY messages that timed out.
NotifyReject3xx	This counter represents the number of NOTIFY messages rejected with a 3xx response.
NotifyReject4xx	This counter represents the number of NOTIFY messages rejected with a 4xx response.
NotifyReject5xx	This counter represents the number of NOTIFY messages rejected with a 5xx response.
NotifyRejectedWith503	This counter represents the number of NOTIFY messages rejected with a 503 response.
NotifyReject6xx	This counter represents the number of NOTIFY messages rejected with a 6xx response.
HighWaterMark	
HighWaterMark	This counter represents the number of times the load high water mark has been reached.

Proxy

Table B-2 contains information on proxy counters.

Table B-2 Proxy

Counters	Counter Descriptions
SIPInviteRequestIn	This counter displays the number of INVITE requests received by the proxy.
SIPInviteRequestOut	This counter displays the number of INVITE requests sent by the proxy.
SIPRetransmits	This counter displays the number of retransmits executed by the proxy.

