


Sign-On And Sign-Off Request

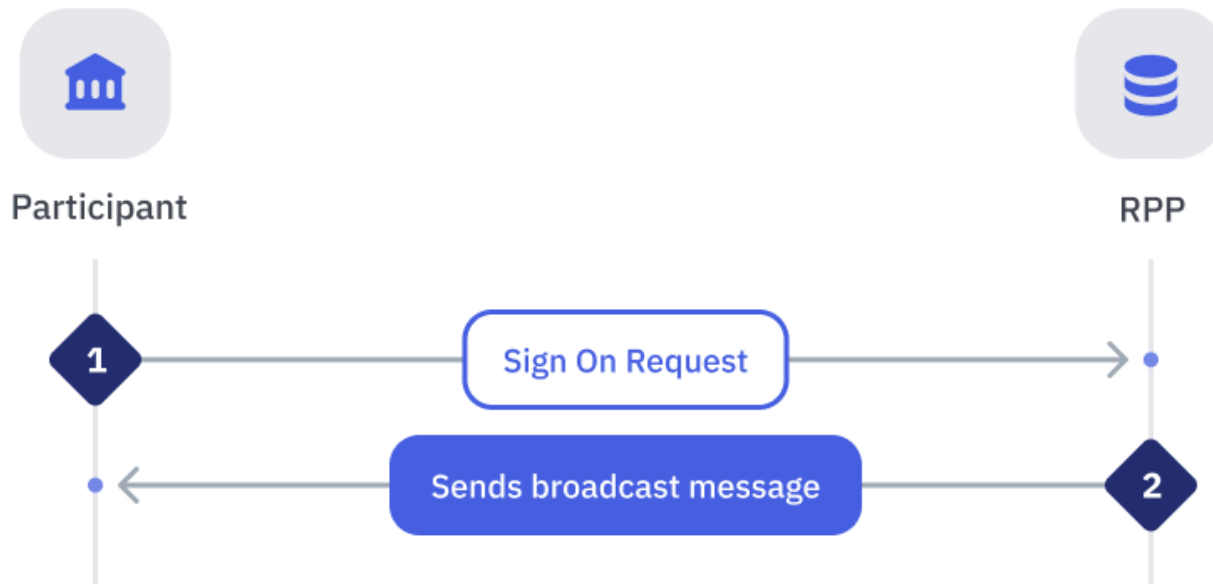
 See also API reference for Network Administration

Check API 

Sign-On

The Sign-On Request message is used to perform sign-on to the RPP system. Sign-On is normally sent when the Participant's real-time services is back online after a scheduled maintenance. This enables the Participant to go back online with RPP and be able to send and receive payment requests.

A system notification message will be sent to the other Active Participants on any change in status of a Participant.



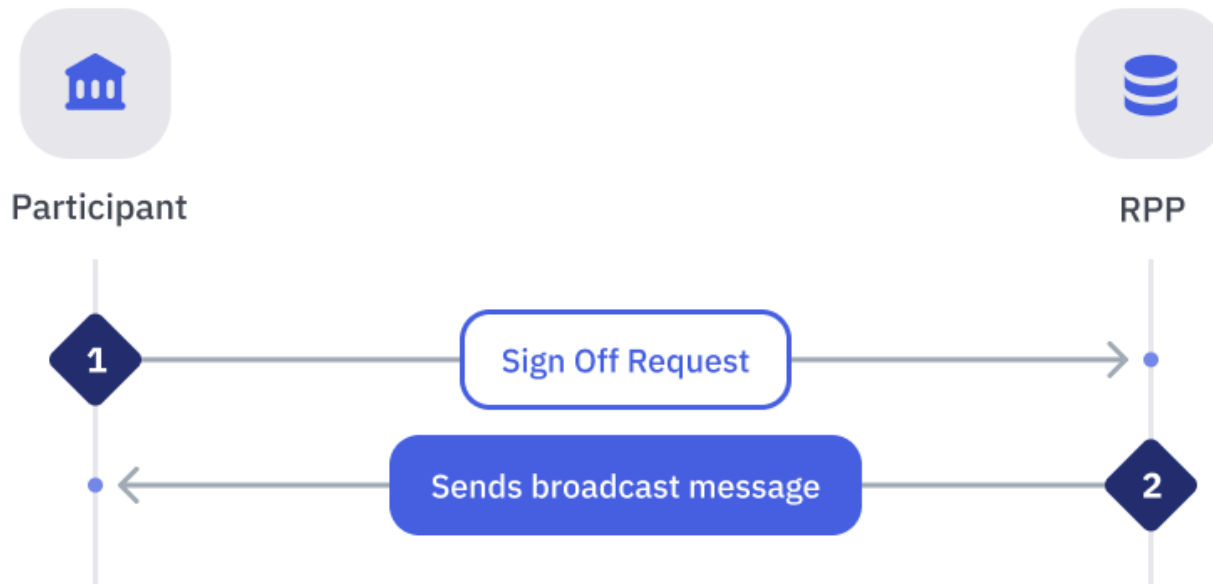
Step	Sender	Receiver	Processes
1	Participant	RPP	<p>Participant initiates a Sign-On request</p> <p>Notes:</p> <ul style="list-style-type: none">• If a Participant has subscribed to a Bank Connector, their request will be sent to the connector, which will then forward it to the RPP host.• A participant can have multiple signing on ports available, but they are only required to sign in from one of those ports.
2	RPP	Participant	<p>When RPP receives the request, it will:</p>

Step	Sender	Receiver	Processes
			<ul style="list-style-type: none"> • Sign-on the Participant into the RPP system • Set the status of the Participant to Active • Send a broadcast message to the other Active Participant

Sign-Off Request

The Sign-Off Request message is used to sign-off a Participant from the RPP system. A successful sign-off will prevent the Participant from being able to send and receive payment requests. The Sign Off Request is usually sent before bringing down the Participant's real-time services for a scheduled maintenance.

A system notification message will be sent to the other Active Participants on any change in status of a Participant.



Step	Sender	Receiver	Processes
1	Participant	RPP	<div>Participant initiates a Sign-Off request</div> <div>Notes: For Participant that subscribed to a Bank Connector, the request shall be sent to the connector which in return will forward to RPP host</div>

Step	Sender	Receiver	Processes
2	RPP	Participant	<p>When RPP receives the request, it will:</p> <ul style="list-style-type: none"> • Sign-off the Participant into the RPP system • Set the status of the Participant to Inactive • Send a broadcast message to the other Active Participant

Exception Conditions

When any Participant has signed-on to RPP, signed-off from RPP, or deemed inactive by RPP, RPP will send a broadcast to the other active Participants to inform them of the change in status of the Participant.

Condition	Actions	Alternatives
<p>RPP sent a request to Participant but did not receive any response</p> <p>As no response is received from Participant after maximum number of retries, RPP will mark the request as timeout</p>	<p>RPP shall:</p> <ul style="list-style-type: none"> • Set the Participant status to Inactive • Send a broadcast message to all active Participants 	-