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## **ScheduledRecording:1 Service** **Annex A – Control Point Requirements**

**For UPnP Version 1.0**

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## Annex A. Control Point Requirements (Normative)

This Annex lists the actions that a Control Point implementation that seeks certification as a UPnP Certified ScheduledRecording:1 Control Point must be capable of invoking.

The following table amends Table 2-6 Actions to add Control Point requirements, and hence supersedes Table 2-6 Actions.

**Table A-1: Actions for ScheduledRecording:1 Service**

Name	R/O <sup>1</sup>	Control Point R/O <sup>2</sup>
<u>GetSortCapabilities</u>	<u>R</u>	<u>Q</u>
<u>GetPropertyList()</u>	<u>R</u>	<u>Q</u>
<u>GetAllowedValues()</u>	<u>R</u>	<u>R</u> <sup>3</sup>
<u>GetStateUpdateID()</u>	<u>R</u>	<u>Q</u>
<u>BrowseRecordSchedules()</u>	<u>R</u>	<u>R</u> <sup>3</sup>
<u>BrowseRecordTasks()</u>	<u>R</u>	<u>R</u> <sup>3</sup>
<u>CreateRecordSchedule()</u>	<u>R</u>	<u>R</u> <sup>3</sup>
<u>DeleteRecordSchedule()</u>	<u>R</u>	<u>Q</u>
<u>GetRecordSchedule()</u>	<u>R</u>	<u>Q</u>
<u>EnableRecordSchedule()</u>	<u>O</u> <sup>4</sup>	<u>Q</u>
<u>DisableRecordSchedule()</u>	<u>O</u> <sup>4</sup>	<u>Q</u>
<u>DeleteRecordTask()</u>	<u>Q</u>	<u>Q</u>
<u>GetRecordTask()</u>	<u>R</u>	<u>Q</u>
<u>EnableRecordTask()</u>	<u>O</u> <sup>5</sup>	<u>Q</u>
<u>DisableRecordTask()</u>	<u>O</u> <sup>5</sup>	<u>Q</u>
<u>ResetRecordTask()</u>	<u>O</u> <sup>5</sup>	<u>Q</u>
<u>GetRecordScheduleConflicts()</u>	<u>O</u> <sup>6</sup>	<u>Q</u>
<u>GetRecordTaskConflicts()</u>	<u>O</u> <sup>7</sup>	<u>Q</u>
<i>Non-standard actions implemented by a UPnP vendor go here</i>	<u>X</u>	<u>X</u>

<sup>1</sup> For a device this column indicates whether the action MUST be implemented or not, where R = REQUIRED, Q = OPTIONAL, CR = CONDITIONALLY REQUIRED, CO = CONDITIONALLY OPTIONAL, X = Non-standard, add -D when deprecated (e.g., R-D, O-D).

<sup>2</sup> For a control point this column indicates whether a control point MUST be capable of invoking this action, where R = REQUIRED, Q = OPTIONAL, CR = CONDITIONALLY REQUIRED, CO = CONDITIONALLY OPTIONAL, X = Non-standard, add -D when deprecated (e.g., R-D, O-D).

<sup>3</sup> REQUIRED only if the control point implements interaction with the ScheduledRecording service.

<sup>4</sup> CONDITIONALLY REQUIRED. The [EnableRecordSchedule\(\)](#) and [DisableRecordSchedule\(\)](#) actions MUST be implemented as a combination. If one action is implemented, then the other action MUST also be implemented.

<sup>5</sup> CONDITIONALLY REQUIRED. The [EnableRecordTask\(\)](#), [DisableRecordTask\(\)](#), and [ResetRecordTask\(\)](#) actions MUST be implemented as a combination. If one action is implemented, then the other actions MUST also be implemented.

<sup>6</sup> CONDITIONALLY REQUIRED. See Section 2.6.17, “[GetRecordScheduleConflicts\(\)](#)” to determine when this action MUST be implemented.

<sup>7</sup> CONDITIONALLY REQUIRED. See Section 2.6.18, “[GetRecordTaskConflicts\(\)](#)” to determine when this action MUST be implemented.