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## **AVTransport: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 AVTransport:1 Control Point must be capable of invoking.

The following table amends Table 3 Actions to add Control Point requirements, and hence supersedes Table 3 Actions.

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

Name	R/O <sup>1</sup>	Control Point R/O <sup>2</sup>
<u>SetAVTransportURI()</u>	<u>R</u>	<u>R</u>
<u>SetNextAVTransportURI()</u>	<u>Q</u>	<u>Q</u>
<u>GetMediaInfo()</u>	<u>R</u>	<u>Q</u>
<u>GetTransportInfo()</u>	<u>R</u>	<u>Q</u>
<u>GetPositionInfo()</u>	<u>R</u>	<u>Q</u>
<u>GetDeviceCapabilities()</u>	<u>R</u>	<u>Q</u>
<u>GetTransportSettings()</u>	<u>R</u>	<u>Q</u>
<u>Stop()</u>	<u>R</u>	<u>R</u>
<u>Play()</u>	<u>R</u>	<u>R</u>
<u>Pause()</u>	<u>Q</u>	<u>Q</u>
<u>Record()</u>	<u>Q</u>	<u>Q</u>
<u>Seek()</u>	<u>R</u>	<u>Q</u>
<u>Next()</u>	<u>R</u>	<u>Q</u>
<u>Previous()</u>	<u>R</u>	<u>Q</u>
<u>SetPlayMode()</u>	<u>Q</u>	<u>Q</u>
<u>SetRecordQualityModel()</u>	<u>Q</u>	<u>Q</u>
<u>GetCurrentTransportActions()</u>	<u>Q</u>	<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).