## **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>
SetNextAVTransportURI()	<u>O</u>	<u>O</u>
<u>GetMediaInfo()</u>	<u>R</u>	<u>O</u>
<u>GetTransportInfo()</u>	<u>R</u>	<u>O</u>
<u>GetPositionInfo()</u>	<u>R</u>	<u>O</u>
<u>GetDeviceCapabilities()</u>	<u>R</u>	<u>O</u>
<u>GetTransportSettings()</u>	<u>R</u>	<u>O</u>
Stop()	<u>R</u>	<u>R</u>
Play()	<u>R</u>	<u>R</u>
Pause()	<u>o</u>	<u>O</u>
Record()	<u>o</u>	<u>O</u>
Seek()	<u>R</u>	<u>O</u>
<u>Next()</u>	<u>R</u>	<u>O</u>
Previous()	<u>R</u>	<u>O</u>
<u>SetPlayMode()</u>	<u>O</u>	<u>O</u>
<u>SetRecordQualityMode()</u>	<u>O</u>	<u>O</u>
<u>GetCurrentTransportActions()</u>	<u>O</u>	<u>O</u>
Non-standard actions implemented by a UPnP vendor go here	<u>X</u>	<u>X</u>

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

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