
ConnectionManager:2 Service Annex A – Control Point Requirements

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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 ConnectionManager:2 Control Point must be capable of invoking.

The following table amends Table 2-8 Actions to add Control Point requirements, and hence supersedes Table 2-8 Actions.

Table A-1: Actions for ConnectionManager:2 Service

Name	R/O ¹	Control Point R/O ²
<u>GetProtocolInfo()</u>	<u>R</u>	<u>R</u> ³
<u>PrepareForConnection()</u>	<u>O</u>	<u>O</u> ⁴
<u>ConnectionComplete()</u>	<u>O</u>	<u>O</u>
<u>GetCurrentConnectionIDs()</u>	<u>R</u>	<u>O</u>
<u>GetCurrentConnectionInfo()</u>	<u>R</u>	<u>O</u>
<i>Non-standard actions implemented by a UPnP vendor go here</i>	<u>X</u>	<u>X</u>

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

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

³ Only REQUIRED when control point is part of a 3-box scenario.

⁴ The control point is NOT REQUIRED to call the PrepareForConnection() action when implemented in the device, but when the control point does not use the PrepareForConnection() the interaction with the device will always be with an instanceID value of 0 and therefore will use less functionality of the MediaRenderer device.