

1 Web-user interface

The screenshot displays the DASH Validator web interface. At the top, the browser address bar shows the URL `dashif.org/conformance.html`. The main heading is "DASH Validator" with the DASH Industry Forum logo. Below this, the text reads "Validation (Conformance check) of ISO/IEC 23009-1 MPEG-DASH MPD and Segments". A text input field contains the URL `http://dash.akamaized.net/dash264/TestCases/1a/qualcomm/1/MultiRate.mpd`, which is highlighted with a red box. To the right of the input field is a "Submit" button and a "Choose File" button. Below the input field, there is a checkbox labeled "MPD conformance only". A red arrow points from the input field to the text "MPD URL or file selected".

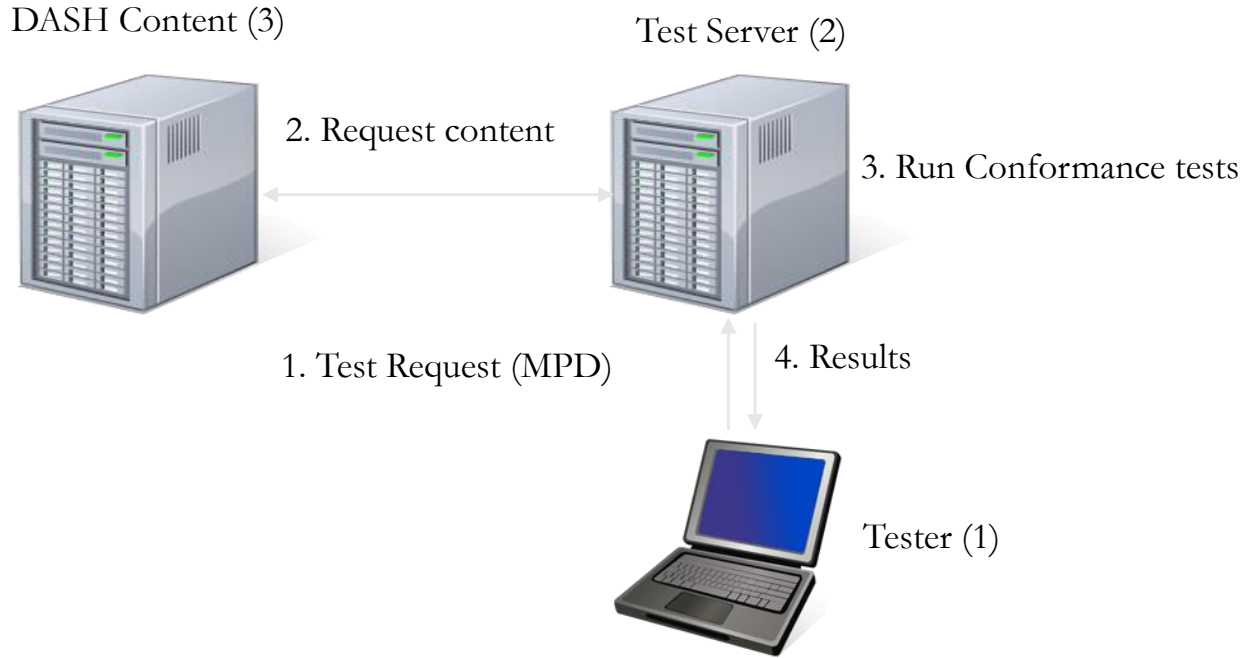
Below the input field, the status bar shows "Processing Representation 2 in Adaptationset 1, 0% done (6 KB downloaded, 0 MB processed)". Below this, the profiles are listed: "Profiles: urn:mpeg:dash:profile:isoff-on-demand:2011, http://dashif.org/guidelines/dash264". A link labeled "Feature list" is also present.

A red box highlights the validation results tree on the left side of the interface. The tree structure is as follows:

- Mpd
 - XLink resolving (checked)
 - MPD validation (checked)
 - Schematron validation (checked)
 - Adaptationset 1
 - Representation 1 (checked)
 - Representation 2 (checked)
 - Representation 3 (checked)
 - Adaptationset 2
 - Representation 1 (checked)

A red arrow points from the bottom of the red box to the text "Results".

2 Functional Block Diagram



2.1.1 Tester

Google Chrome browser

2.1.2 Test Server

Linux/Windows based Web server

Frontend code: <https://github.com/Dash-Industry-Forum/Conformance-Software>

Backend code: <https://github.com/Dash-Industry-Forum/Conformance-and-reference-source>