

ONVIF™  
Test Specification v21.12  
Release Notes

© 2021 by ONVIF, Inc. All rights reserved.

Recipients of this document may copy, distribute, publish, or display this document so long as this copyright notice, license and disclaimer are retained with all copies of the document. No license is granted to modify this document.

THIS DOCUMENT IS PROVIDED "AS IS," AND THE CORPORATION AND ITS MEMBERS AND THEIR AFFILIATES, MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THIS DOCUMENT ARE SUITABLE FOR ANY PURPOSE; OR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

IN NO EVENT WILL THE CORPORATION OR ITS MEMBERS OR THEIR AFFILIATES BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF THIS DOCUMENT, WHETHER OR NOT (1) THE CORPORATION, MEMBERS OR THEIR AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, OR (2) SUCH DAMAGES WERE REASONABLY FORESEEABLE, AND ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF THIS DOCUMENT. THE FOREGOING DISCLAIMER AND LIMITATION ON LIABILITY DO NOT APPLY TO, INVALIDATE, OR LIMIT REPRESENTATIONS AND WARRANTIES MADE BY THE MEMBERS AND THEIR RESPECTIVE AFFILIATES TO THE CORPORATION AND OTHER MEMBERS IN CERTAIN WRITTEN POLICIES OF THE CORPORATION.

# Overview

---

**Important:**

This ONVIF Test Specification v21.12 replaces the previously released version DTT v21.06 along with the errata accepted. As of April 1<sup>st</sup> 2022, ONVIF members shall only declare conformance of a product with ONVIF Test Specification v21.12.

Profile Q is deprecated in DTT v21.12. Please refer the section on *Removed* and *Moved* test cases for more information on the deprecated tests.

- Test cases added
  - 5 test cases in Media2 configuration
  
- Test cases modified
  - 1 test case in Imaging
  - 1 test case in Default Access Policy
  - 1 test case in Media2 Configuration
  
- Test cases deprecated
  - 1 test in Profile Q

## Added Test Cases

The following tables list all test cases added in this version.

### Media2 Configuration

Test Case ID	Test Case Name
MEDIA2-10-1-1	CREATE MASKS
MEDIA2-10-1-2	GET MASKS
MEDIA2-10-1-3	SET MASKS
MEDIA2-10-1-4	GET MASK OPTIONS
MEDIA2-10-1-5	MASK CONFIGURATIONS AND MASK OPTIONS CONSISTENCY
MEDIA2-10-1-6	SINGLE COLOR ONLY PARAMETER

## Modified Test Cases

The following tables list all test cases that have been modified in this version.

### Access Policy

Test Case ID	Test Case Name
ACCESS_POLICY-1-1-1	ACCESS POLICY (ACCESS NOT ALLOWED)

### Imaging

Test Case ID	Test Case Name
IMAGING-1-1-14	IMAGING COMMAND SETIMAGESETTINGS

### Media2 Configuration

Test Case ID	Test Case Name
MEDIA2-2-2-5	MODIFY ALL SUPPORTED VIDEO SOURCE CONFIGURATIONS

**Test Cases moved (from deprecated Profile Q)**

Test Case ID in v21.06	New Test Case ID	Test Case Name	Test Specification
QUICK_INSTALL-2-1-1	ACCESS-POLICY-1-1-2	DEFAULT ACCESS POLICY - ANONYMOUS	ACCESS POLICY
QUICK_INSTALL-2-1-2	ACCESS-POLICY-1-1-3	DEFAULT ACCESS POLICY - USER	ACCESS POLICY
QUICK_INSTALL-2-1-4	ACCESS-POLICY-1-1-4	DEFAULT ACCESS POLICY - ADMINISTRATOR AND ANONYMOUS	ACCESS POLICY
QUICK_INSTALL-2-1-5	ACCESS-POLICY-1-1-5	DEFAULT ACCESS POLICY - ADMINISTRATOR AND USER /OPERATOR	ACCESS POLICY
QUICK_INSTALL-4-1-1	DEVICE-3-1-16	FIRMWARE UPLOAD	BASE DEVICE
QUICK_INSTALL-4-1-2	DEVICE-3-1-17	INVALID FIRMWARE UPLOAD	BASE DEVICE

**Test Cases deprecated (from Profile Q)**

Test Case ID	Test Case Name
QUICK_INSTALL-1-1-1	FACTORY DEFAULT STATE VERIFICATION

## List of Device Test Specification Documents v21.12

Document	Release Date
ONVIF_Access_Control_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Access_Policy_Device_Test_Specification_21.12.pdf*	Dec-21
ONVIF_Access_Rules_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Analytics_Engine_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Authentication_Behavior_Device_Test_Specification_19.06.pdf	Jun-19
ONVIF_Base_Device_Test_Specification_21.12.pdf	Dec-21
ONVIF_Credential_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_DeviceIO_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Device_Feature_Discovery_Specification_20.12.pdf	Dec-20
ONVIF_Device_Test_Specification_Description_17.06.pdf	Jun-17
ONVIF_Door_Control_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Event_Handling_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Imaging_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Media2_Configuration_Device_Test_Specification_21.12.pdf	Dec-21
ONVIF_Media_Configuration_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Profiles_Conformance_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Provisioning_Device_Test_Specification_18.06.pdf	Jun-18
ONVIF_PTZ_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Real_Time_Streaming_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Real_Time_Streaming_using_Media2_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Receiver_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Recording_Control_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Recording_Search_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Replay_Control_Device_Test_Specification_19.12.pdf	Dec-19
ONVIF_Security_Configuration_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Schedule_Device_Test_Specification_20.06.pdf	Jun-20
ONVIF_Thermal_Device_Test_Specification_18.06.pdf	Jun-18

***\*Draft specification, subject to change.***