

ONVIF[™]
Test Specification v20.12
Release Notes

© 2020 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 v20.12 replaces the previously released version DTT v20.06 along with the errata accepted. As of April 1st, 2021, ONVIF members shall only declare conformance of a product with ONVIF Test Specification v20.12.

- Test cases added
 - 12 test cases in Analytics
 - 2 test cases in Media2 configuration
 - 1 test case in Real time streaming using Media2

- Test cases modified
 - 40 test cases in Access Control
 - 3 test cases in Analytics
 - 53 test cases in Base Device
 - 48 test cases in Credentials
 - 49 test cases in Door Control
 - 1 test case in Media Configuration
 - 11 test cases in Media2 Configuration
 - 16 test cases in Security Configuration

Deprecated Test Cases

No test cases were deprecated in this version.

Added Test Cases

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

Analytics

Test Case ID	Test Case Name
ANALYTICS-2-1-2	FACE RECOGNITION EVENT
ANALYTICS-4-1-8	MODIFY ANALYTICS MODULES (PARAMETERS WITHOUT OPTIONS)
ANALYTICS-6-1-1	GET SUPPORTED RULES
ANALYTICS-6-1-2	GET RULE OPTIONS
ANALYTICS-6-1-3	GET RULES
ANALYTICS-6-1-4	CREATE RULES
ANALYTICS-6-1-5	DELETE RULES
ANALYTICS-6-1-6	MODIFY RULES
ANALYTICS-7-1-1	GET SUPPORTED RULES (FACE RECOGNITION)
ANALYTICS-7-1-2	GET FACE RECOGNITION RULE OPTIONS
ANALYTICS-7-1-3	CREATE FACE RECOGNITION RULE
ANALYTICS-7-1-4	MODIFY FACE RECOGNITION RULE

Media2 Configuration

Test Case ID	Test Case Name
MEDIA2-1-1-8	READY TO USE MEDIA PROFILE FOR METADATA STREAMING
MEDIA2-1-1-9	READY TO USE MEDIA PROFILE FOR VIDEO STREAMING (PROFILE M)

Real Time Streaming Using Media2

Test Case ID	Test Case Name
MEDIA2_RTSS-6-1-1	MEDIA2 STREAMING – G.711 BACKCHANNEL AND H.26X VIDEO AND G.711/AAC AUDIO (RTPUnicast/UDP)

Modified Test Cases

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

Access Control

Test Case ID	Test Case Name
ACCESSCONTROL-2-1-1	GET ACCESS POINT INFO
ACCESSCONTROL-2-1-2	GET ACCESS POINT INFO WITH INVALID TOKEN
ACCESSCONTROL-2-1-3	GET ACCESS POINT INFO LIST - LIMIT
ACCESSCONTROL-2-1-4	GET ACCESS POINT INFO LIST - START REFERENCE AND LIMIT
ACCESSCONTROL-2-1-5	GET ACCESS POINT INFO LIST – NO LIMIT
ACCESSCONTROL-2-1-6	GET ACCESS POINT INFO – TOO MANY ITEMS
ACCESSCONTROL-2-1-7	GET ACCESS POINT STATE
ACCESSCONTROL-2-1-8	GET ACCESS POINT STATE WITH INVALID TOKEN
ACCESSCONTROL-2-1-9	ENABLE/DISABLE ACCESS POINT
ACCESSCONTROL-2-1-10	ENABLE/DISABLE ACCESS POINT - COMMAND NOT SUPPORTED
ACCESSCONTROL-2-1-11	ENABLE ACCESS POINT WITH INVALID TOKEN
ACCESSCONTROL-2-1-12	DISABLE ACCESS POINT WITH INVALID TOKEN
ACCESSCONTROL-4-1-1	GET AREA INFO LIST AND GET ACCESS POINT INFO LIST CONSISTENCY
ACCESSCONTROL-4-1-2	ACCESS POINT CAPABILITIES CONSISTENCY
ACCESSCONTROL-5-1-1	ACCESS CONTROL - ACCESS POINT ENABLED EVENT
ACCESSCONTROL-5-1-2	ACCESS CONTROL - ACCESS POINT ENABLED EVENT STATE CHANGE
ACCESSCONTROL-6-1-1	ACCESS CONTROL – ACCESS GRANTED TO ANONYMOUS EVENT
ACCESSCONTROL-6-1-2	ACCESS CONTROL – ACCESS GRANTED WITH CREDENTIAL EVENT
ACCESSCONTROL-6-1-3	ACCESS CONTROL – ACCESS GRANTED TO IDENTIFIER EVENT
ACCESSCONTROL-7-1-1	ACCESS CONTROL - ACCESS TAKEN BY ANONYMOUS EVENT
ACCESSCONTROL-7-1-2	ACCESS CONTROL – ACCESS TAKEN WITH CREDENTIAL EVENT

ACCESSCONTROL-8-1-1	ACCESS CONTROL - ACCESS NOT TAKEN BY ANONYMOUS EVENT
ACCESSCONTROL-8-1-2	ACCESS CONTROL – ACCESS NOT TAKEN WITH CREDENTIAL EVENT
ACCESSCONTROL-9-1-1	ACCESS CONTROL – ACCESS DENIED TO ANONYMOUS EVENT
ACCESSCONTROL-9-1-2	ACCESS CONTROL – ACCESS DENIED WITH CREDENTIAL EVENT
ACCESSCONTROL-9-1-3	ACCESS CONTROL - ACCESS DENIED WITH CREDENTIAL EVENT (CREDENTIAL NOT FOUND - CARD)
ACCESSCONTROL-9-1-4	ACCESS CONTROL - ACCESS DENIED WITH CREDENTIAL EVENT (CREDENTIAL NOT FOUND)
ACCESSCONTROL-9-1-5	ACCESS CONTROL - ACCESS DENIED TO IDENTIFIER EVENT
ACCESSCONTROL-10-1-2	ACCESS CONTROL - DURESS
ACCESSCONTROL-11-1-1	ACCESS CONTROL – ACCESS GRANTED TO ANONYMOUS (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-2	ACCESS CONTROL – ACCESS DENIED TO ANONYMOUS (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-3	ACCESS CONTROL – ACCESS TIMEOUT TO ANONYMOUS (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-4	ACCESS CONTROL – ACCESS GRANTED WITH CREDENTIAL (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-5	ACCESS CONTROL – ACCESS DENIED WITH CREDENTIAL (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-6	ACCESS CONTROL – ACCESS TIMEOUT WITH CREDENTIAL (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-7	EXTERNAL AUTHORIZATION WITH INVALID TOKEN
ACCESSCONTROL-11-1-8	EXTERNAL AUTHORIZATION - COMMAND NOT SUPPORTED
ACCESSCONTROL-11-1-9	ACCESS CONTROL – ACCESS GRANTED TO IDENTIFIER (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-10	ACCESS CONTROL – ACCESS DENIED TO IDENTIFIER (EXTERNAL AUTHORIZATION)
ACCESSCONTROL-11-1-11	ACCESS CONTROL – ACCESS TIMEOUT TO IDENTIFIER (EXTERNAL AUTHORIZATION)

Analytics

Test Case ID	Test Case Name
ANALYTICS-4-1-1	GET SUPPORTED ANALYTICS MODULES
ANALYTICS-4-1-2	GET ANALYTICS MODULES OPTIONS
ANALYTICS-4-1-3	GET ANALYTICS MODULES

Base Device

Test Case ID	Test Case Name
DEVICE-1-1-1	GET WSDL URL
DEVICE-2-1-37	SET DYNAMIC DNS CONFIGURATION
DEVICE-2-1-1	NETWORK COMMAND HOSTNAME CONFIGURATION
DEVICE-2-1-3	NETWORK COMMAND SETHOSTNAME TEST ERROR CASE
DEVICE-2-1-4	GET DNS CONFIGURATION
DEVICE-2-1-5	SET DNS CONFIGURATION - SEARCHDOMAIN
DEVICE-2-1-6	SET DNS CONFIGURATION - DNSMANUAL IPV4
DEVICE-2-1-7	SET DNS CONFIGURATION - DNSMANUAL IPV6
DEVICE-2-1-8	SET DNS CONFIGURATION - FROMDHCP
DEVICE-2-1-9	DNS CONFIGURATION - DNSMANUAL INVALID IPV4
DEVICE-2-1-10	SET DNS CONFIGURATION – DNSMANUAL INVALID IPV6
DEVICE-2-1-11	GET NTP CONFIGURATION
DEVICE-2-1-12	SET NTP CONFIGURATION - NTPMANUAL IPV4
DEVICE-2-1-13	SET NTP CONFIGURATION - NTPMANUAL IPV6
DEVICE-2-1-14	SET NTP CONFIGURATION - FROMDHCP
DEVICE-2-1-15	SET NTP CONFIGURATION – NTPMANUAL INVALID IPV4
DEVICE-2-1-16	SET NTP CONFIGURATION – NTPMANUAL INVALID IPV6
DEVICE-2-1-17	GET NETWORK INTERFACE CONFIGURATION
DEVICE-2-1-18	SET NETWORK INTERFACE CONFIGURATION - IPV4
DEVICE-2-1-19	SET NETWORK INTERFACE CONFIGURATION - IPV6
DEVICE-2-1-20	SET NETWORK INTERFACE CONFIGURATION - INVALID IPV4
DEVICE-2-1-21	SET NETWORK INTERFACE CONFIGURATION - INVALID IPV6
DEVICE-2-1-25	GET NETWORK DEFAULT GATEWAY CONFIGURATION
DEVICE-2-1-28	SET NETWORK DEFAULT GATEWAY CONFIGURATION - INVALID IPV4

DEVICE-2-1-29	SET NETWORK DEFAULT GATEWAY CONFIGURATION - INVALID IPV6
DEVICE-2-1-30	SET NETWORK DEFAULT GATEWAY CONFIGURATION - IPV4
DEVICE-2-1-31	SET NETWORK DEFAULT GATEWAY CONFIGURATION - IPV6
DEVICE-2-1-32	NETWORK COMMAND SETHOSTNAME TEST
DEVICE-2-1-33	GET NETWORK PROTOCOLS CONFIGURATION
DEVICE-2-1-34	SET NETWORK PROTOCOLS CONFIGURATION
DEVICE-2-1-35	SET NETWORK PROTOCOLS CONFIGURATION - UNSUPPORTED PROTOCOLS
DEVICE-2-1-36	GET DYNAMIC DNS CONFIGURATION
DEVICE-2-1-37	SET DYNAMIC DNS CONFIGURATION
DEVICE-3-1-4	SYSTEM COMMAND SETSYSTEMDATEANDTIME TEST FOR INVALID TIMEZONE
DEVICE-3-1-5	SYSTEM COMMAND SETSYSTEMDATEANDTIME TEST FOR INVALID DATE
DEVICE-3-1-6	SYSTEM COMMAND FACTORY DEFAULT HARD
DEVICE-3-1-7	SYSTEM COMMAND FACTORY DEFAULT SOFT
DEVICE-3-1-11	SYSTEM COMMAND SETSYSTEMDATEANDTIME
DEVICE-3-1-12	SYSTEM COMMAND SETSYSTEMDATEANDTIME USING NTP
DEVICE-6-1-1	DEVICE MANAGEMENT – NAMESPACE (DEFAULT NAMESPACE FOR EACH TAG)
DEVICE-6-1-2	DEVICE MANAGEMENT – NAMESPACE (DEFAULT NAMESPACE FOR PARENT TAG)
DEVICE-6-1-3	DEVICE MANAGEMENT - NAMESPACE (NOT STANDARD PREFIXES)
DEVICE-6-1-4	DEVICE MANAGEMENT – NAMESPACE (DIFFERENT PREFIXES FOR THE SAME NAMESPACE)
DEVICE-6-1-5	DEVICE MANAGEMENT - NAMESPACE (THE SAME PREFIX FOR DIFFERENT NAMESPACE)
DEVICE-7-1-1	GET IP ADDRESS FILTER
DEVICE-7-1-2	SET IP ADDRESS FILTER – IPv4
DEVICE-7-1-3	ADD IP ADDRESS FILTER – IPv4
DEVICE-7-1-4	REMOVE IP ADDRESS FILTER – IPv4
IPCONFIG-1-1-3	IPV4 DHCP
IPCONFIG-1-1-5	IPV4 LINK LOCAL ADDRESS

IPCONFIG-2-1-2	IPV6 STATELESS IP CONFIGURATION - ROUTER ADVERTISEMENT
IPCONFIG-2-1-3	IPV6 STATELESS IP CONFIGURATION - NEIGHBOUR DISCOVERY
IPCONFIG-2-1-4	IPV6 STATEFUL IP CONFIGURATION

Credential

Test Case ID	Test Case Name
CREDENTIAL-2-1-1	GET CREDENTIAL INFO
CREDENTIAL-2-1-2	GET CREDENTIAL INFO LIST - LIMIT
CREDENTIAL-2-1-3	GET CREDENTIAL INFO LIST – START REFERENCE AND LIMIT
CREDENTIAL-2-1-4	GET CREDENTIAL INFO LIST - NO LIMIT
CREDENTIAL-2-1-5	GET CREDENTIAL INFO WITH INVALID TOKEN
CREDENTIAL-2-1-6	GET CREDENTIAL INFO - TOO MANY ITEMS
CREDENTIAL-3-1-1	GET CREDENTIALS
CREDENTIAL-3-1-2	GET CREDENTIAL LIST - LIMIT
CREDENTIAL-3-1-3	GET CREDENTIAL LIST – START REFERENCE AND LIMIT
CREDENTIAL-3-1-4	GET CREDENTIAL LIST - NO LIMIT
CREDENTIAL-3-1-5	CREATE CREDENTIAL (ENABLED)
CREDENTIAL-3-1-6	CREATE CREDENTIAL (DISABLED)
CREDENTIAL-3-1-7	MODIFY CREDENTIAL
CREDENTIAL-3-1-8	DELETE CREDENTIAL
CREDENTIAL-3-1-9	GET CREDENTIALS WITH INVALID TOKEN
CREDENTIAL-3-1-10	GET CREDENTIALS - TOO MANY ITEMS
CREDENTIAL-3-1-11	CREATE CREDENTIAL - NOT EMPTY CREDENTIAL TOKEN
CREDENTIAL-3-1-12	MODIFY CREDENTIAL WITH INVALID TOKEN
CREDENTIAL-3-1-13	DELETE CREDENTIAL WITH INVALID TOKEN
CREDENTIAL-3-1-14	CREATE CREDENTIAL - VALIDITY VALUES

CREDENTIAL-3-1-15	MODIFY CREDENTIAL - VALIDITY VALUES
CREDENTIAL-3-1-16	SET NEW CREDENTIAL (ENABLED)
CREDENTIAL-3-1-17	SET NEW CREDENTIAL (DISABLED)
CREDENTIAL-3-1-18	SET CREDENTIAL
CREDENTIAL-4-1-1	GET CREDENTIAL STATE
CREDENTIAL-4-1-2	CHANGE CREDENTIAL STATE
CREDENTIAL-4-1-3	GET CREDENTIAL STATE WITH INVALID TOKEN
CREDENTIAL-4-1-4	ENABLE CREDENTIAL WITH INVALID TOKEN
CREDENTIAL-4-1-5	DISABLE CREDENTIAL WITH INVALID TOKEN
CREDENTIAL-5-1-1	GET CREDENTIAL IDENTIFIER
CREDENTIAL-5-1-2	SET CREDENTIAL IDENTIFIER – ADDING NEW TYPE
CREDENTIAL-5-1-3	SET CREDENTIAL IDENTIFIER – REPLACE OF THE SAME TYPE
CREDENTIAL-5-1-4	DELETE CREDENTIAL IDENTIFIER
CREDENTIAL-5-1-6	GET CREDENTIAL IDENTIFIERS WITH INVALID TOKEN
CREDENTIAL-5-1-7	SET CREDENTIAL IDENTIFIER WITH INVALID TOKEN
CREDENTIAL-5-1-8	DELETE CREDENTIAL IDENTIFIER WITH INVALID CREDENTIAL TOKEN
CREDENTIAL-5-1-9	DELETE CREDENTIAL IDENTIFIER WITH INVALID IDENTIFIER TYPE
CREDENTIAL-5-1-10	DELETE CREDENTIAL IDENTIFIER – MIN IDENTIFIERS PER CREDENTIAL
CREDENTIAL-6-1-1	GET CREDENTIAL ACCESS PROFILES
CREDENTIAL-6-1-2	SET CREDENTIAL ACCESS PROFILES -ADDING NEW ACCESS PROFILE
CREDENTIAL-6-1-3	SET CREDENTIAL ACCESS PROFILES -UPDATING ACCESS PROFILE
CREDENTIAL-6-1-4	DELETE CREDENTIAL ACCESS PROFILES
CREDENTIAL-6-1-5	GET CREDENTIAL ACCESS PROFILES WITH INVALID TOKEN
CREDENTIAL-6-1-6	SET CREDENTIAL ACCESS PROFILES WITH INVALID CREDENTIAL TOKEN
CREDENTIAL-6-1-7	DELETE CREDENTIAL ACCESS PROFILES WITH INVALID CREDENTIAL TOKEN
CREDENTIAL-7-1-1	RESET ANTIPASSBACK VIOLATIONS

CREDENTIAL-7-1-2	RESET ANTIPASSBACK VIOLATIONS WITH INVALID TOKEN
CREDENTIAL-8-1-2	CONFIGURATION CREDENTIAL CHANGED EVENT
CREDENTIAL-8-1-3	CONFIGURATION CREDENTIAL REMOVED EVENT
CREDENTIAL-8-1-4	CREDENTIAL STATE ENABLED EVENT
CREDENTIAL-8-1-5	CREDENTIAL STATE ANTIPASSBACK VIOLATION EVENT (PROPERTY EVENT)
CREDENTIAL-9-1-1	GET CREDENTIAL AND GET ACCESS PROFILE INFO LIST CONSISTENCY

Door Control

Test Case ID	Test Case Name
DOORCONTROL-2-1-1	GET DOOR STATE
DOORCONTROL-2-1-2	GET DOOR STATE WITH INVALID TOKEN
DOORCONTROL-2-1-3	GET DOOR INFO
DOORCONTROL-2-1-4	GET DOOR INFO WITH INVALID TOKEN
DOORCONTROL-2-1-6	GET DOOR INFO LIST – LIMIT
DOORCONTROL-2-1-7	GET DOOR INFO LIST – START REFERENCE AND LIMIT
DOORCONTROL-2-1-8	GET DOOR INFO LIST – NO LIMIT
DOORCONTROL-2-1-10	GET DOOR INFO – TOO MANY ITEMS
DOORCONTROL-3-1-10	ACCESS DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-11	BLOCK DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-12	DOUBLE LOCK DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-13	LOCK DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-14	UNLOCK DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-15	LOCK DOWN DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-16	DOWN RELEASE DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-17	LOCK OPEN DOOR WITH INVALID TOKEN

DOORCONTROL-3-1-18	LOCK OPEN RELEASE DOOR WITH INVALID TOKEN
DOORCONTROL-3-1-19	DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-20	BLOCK DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-21	DOUBLE LOCK DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-22	LOCK DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-23	UNLOCK DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-24	LOCK DOWN DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-25	LOCK DOWN RELEASE DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-26	LOCK OPEN DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-27	LOCK OPEN RELEASE DOOR – COMMAND NOT SUPPORTED
DOORCONTROL-3-1-28	ACCESS DOOR
DOORCONTROL-3-1-29	BLOCK DOOR
DOORCONTROL-3-1-30	DOUBLE LOCK DOOR
DOORCONTROL-3-1-31	LOCK DOOR
DOORCONTROL-3-1-32	UNLOCK DOOR
DOORCONTROL-3-1-33	LOCK OPEN DOOR
DOORCONTROL-3-1-34	LOCK OPEN RELEASE DOOR
DOORCONTROL-3-1-35	LOCK DOWN DOOR
DOORCONTROL-3-1-36	LOCK DOWN RELEASE DOOR
DOORCONTROL-6-1-1	DOOR CONTROL – DOOR MODE EVENT
DOORCONTROL-6-1-2	DOOR CONTROL – DOOR PHYSICAL STATE EVENT
DOORCONTROL-6-1-3	DOOR CONTROL – DOOR PHYSICAL STATE EVENT STATE CHANGE
DOORCONTROL-6-1-4	DOOR CONTROL – DOUBLE LOCK PHYSICAL STATE EVENT
DOORCONTROL-6-1-5	DOOR CONTROL – DOUBLE LOCK PHYSICAL STATE EVENT STATE CHANGE
DOORCONTROL-6-1-6	DOOR CONTROL – LOCK PHYSICAL STATE EVENT
DOORCONTROL-6-1-7	DOOR CONTROL – LOCK PHYSICAL STATE EVENT STATE CHANGE

DOORCONTROL-6-1-8	DOOR CONTROL – DOOR TAMPER EVENT
DOORCONTROL-6-1-9	DOOR CONTROL – DOOR TAMPER EVENT STATE CHANGE
DOORCONTROL-6-1-10	DOOR CONTROL – DOOR ALARM EVENT
DOORCONTROL-6-1-11	DOOR CONTROL – DOOR ALARM EVENT STATE CHANGE
DOORCONTROL-6-1-12	DOOR CONTROL – DOOR FAULT EVENT
DOORCONTROL-6-1-13	DOOR CONTROL – DOOR FAULT EVENT STATE CHANGE
DOORCONTROL-5-1-1	GET ACCESS POINT INFO LIST AND GET DOOR INFO LIST CONSISTENCY

Media Configuration

Test Case ID	Test Case Name
MEDIA-3-4-8	GET AUDIO OUTPUT CONFIGURATION OPTIONS

Media2 Configuration

Test Case ID	Test Case Name
MEDIA2-1-1-3	DYNAMIC MEDIA PROFILE CONFIGURATION
MEDIA2-1-1-5	CREATE MEDIA PROFILE WITH CONFIGURATIONS
MEDIA2-2-3-1	VIDEO ENCODER CONFIGURATION
MEDIA2-2-3-2	VIDEO ENCODER CONFIGURATIONS AND VIDEO ENCODER CONFIGURATION OPTIONS CONSISTENCY
MEDIA2-2-3-3	PROFILES AND VIDEO ENCODER CONFIGURATION OPTIONS CONSISTENCY
MEDIA2-2-3-4	SET ALL SUPPORTED VIDEO ENCODER CONFIGURATIONS
MEDIA2-2-3-5	VIDEO ENCODER CONFIGURATION OPTIONS VALIDATION
MEDIA2-3-2-1	G.711 AUDIO ENCODER CONFIGURATION
MEDIA2-3-2-2	AAC AUDIO ENCODER CONFIGURATION
MEDIA2-5-1-1	SNAPSHOT URI
MEDIA2-5-1-2	VIDEO ENCODER INSTANCES PER VIDEO SOURCE

Security Configuration

Test Case ID	Test Case Name
ADVANCED_SECURITY-3-1-1	Add Server Certificate Assignment – self-signed
ADVANCED_SECURITY-3-1-2	Add Server Certificate Assignment – CA
ADVANCED_SECURITY-3-1-3	Replace Server Certificate Assignment – self-signed
ADVANCED_SECURITY-3-1-4	Replace Server Certificate Assignment – CA
ADVANCED_SECURITY-3-1-5	Get Assigned Server Certificates – self-signed
ADVANCED_SECURITY-3-1-6	Get Assigned Server Certificates – CA
ADVANCED_SECURITY-3-1-7	Remove Server Certificate Assignment – self-signed
ADVANCED_SECURITY-3-1-8	Remove Server Certificate Assignment – CA
ADVANCED_SECURITY-3-2-3	Basic TLS Handshake
ADVANCED_SECURITY-3-2-4	Basic TLS Handshake after Replace Server Certificate Assignment
ADVANCED_SECURITY-3-2-5	Basic TLS Handshake with Replace Server Certification Path and PKCS#12
ADVANCED_SECURITY-3-3-1	TLS CLIENT AUTHENTICATION – SELF SIGNED TLS SERVER CERTIFICATE WITH ON-DEVICE RSA KEY PAIR
ADVANCED_SECURITY-3-3-2	CRL PROCESSING WITH ON-DEVICE RSA KEY PAIR
ADVANCED_SECURITY-4-1-1	TLS SERVER CERTIFICATE – SELF SIGNED
ADVANCED_SECURITY-4-1-2	TLS SERVER CERTIFICATE – CA
ADVANCED_SECURITY-9-1-2	DISABLE TLS VERSION

List of Device Test Specification Documents v20.12

Document	Release Date
ONVIF_Access_Control_Device_Test_Specification_20.12.pdf	Dec-20
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_20.12.pdf	Dec-20
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_20.12.pdf	Dec-20
ONVIF_Media_Configuration_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Profiles_Conformance_Device_Test_Specification_20.12.pdf	Dec-20
ONVIF_Profile_Q_Device_Test_Specification_18.06.pdf	Jun-18
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