

GMI 2008 Scenario and Test Case List, with Contribution Numbers

Scenario/Test Case	Test #	MSF Member Contribution #	Participant File Contribution #
S1: End-to-End Service w/out QoS			
Test 1 - Access Attachment		msf2008.190	msf-p0033.044.00
WIMAX IP-CAN Session Set-Up	0101		
WIMAX IP-CAN Session Termination by UE	0102		
3GPP/3GPP2 IP-CAN Session Set-Up	0103		
3GPP/3GPP2 IP-CAN Session Termination by UE	0104		
Broadband IP-CAN Session Set-Up	0105		
Broadband IP-CAN Session Termination by UE	0106		
TD-SCDMA IP-CAN Session Set-Up	0107		
TD-SCDMA IP-CAN Session Termination by UE	0108		
Test 2 - IMS Client Registration (Home MSFR4 N/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0201-0206	msf2008.190	msf-p0033.044.00
Test 3 - IMS Client Registration (Visited MSFR4 N/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0301-0306	msf2008.190	msf-p0033.044.00
Test 4 - Session Establishment (Home-Home MSFR4 n/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0411-0466	msf2008.190	msf-p0033.044.00
Test 5 - Session Teardown (Home-Home MSFR4 n/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0511-0566	msf2008.190	msf-p0033.044.00
Test 6 - Session Establishment (Visited-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0611-0666	msf2008.190	msf-p0033.044.00
Test 7 - Session Teardown (Visited-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0711-0766	msf2008.190	msf-p0033.044.00
Test 8 - Session Establishment (Home-Visited) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0811-0666	msf2008.190	msf-p0033.044.00
Test 9 - Session Teardown (Home-Visited) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0911-0966	msf2008.190	msf-p0033.044.00

Test 10 - Session Establishment (Visited-Visited) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	1011-1066	msf2008.190	msf-p0033.044.00
Test 11 - Session Teardown (Visited-Visited) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	1111-1166	msf2008.190	msf-p0033.044.00
Test 12 - IMS Transit Network (Session Establishment) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	1211-1222	msf2008.190	msf-p0033.044.00
Test 13 - IMS Transit Network (Session Teardown) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	1311-1322	msf2008.190	msf-p0033.044.00
Test 14 - Session Establishment (Home/Visited -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	1413 - 1424	msf2008.190	msf-p0033.044.00
Test 15 - Session Teardown (Home/Visited -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	1513 - 1524	msf2008.190	msf-p0033.044.00
Test 16 - Anonymity in IP Environment	1601	msf2008.190	msf-p0033.044.00
Test 17 - Inter-Domain Transfers		msf2008.190	msf-p0033.044.00
Domain to Domain transfer of a priority session	1701		
Call Forwarding Transfer of a priority session	1702		
	Test #	MSF Member Contribution #	Participant File Contribution #
S2: End-to-End Services with QoS (2008.171, 2008.178)			
Test 1 - WIMAX Access, QOS with PCC		msf2008.071	msf-p0033.078.01
IP CAN Session Set-up	0101		
IMS Registration	0102		
IMS Session Establishment	0103		
Enabling of IP flows by AF	0104		
Disabling of IP flows by AF	0105		
Modification of IP flows by AF	0106		
IMS session termination initiated by UE	0107		
IP CAN Session terminated by UE	0108		
IP CAN Session terminated by PCRS	0109		
Test 2 - 3GPP Access		msf2008.071	msf-p0033.078.01
IP CAN Session Set-Up	0201		
IP CAN Session Modification by PCRS	0202		
IP CAN Session modification by GGSN	0203		
IP CAN Session Terminated by UE	0204		
IP CAN Session Terminated by GGSN	0205		
Test 3 - 3GPP2 Access		msf2008.071	msf-p0033.078.01
IMS Call Origination with SBBC auth. on bearer establishment	0301		
IMS Call Termination with SBBC auth. on bearer establishment	0302		

IMS Session Release - User terminated	0303		
Single Flow Release - Application Layer terminated	0304		
Test 4 - Broadband Access			
Policy Based Admission Control fro Video Calls	0401	msf2008.071	msf-p0033.078.01
Policy Based Admission Control fro Video Calls (inter-network)	0402		
Existing Session Modification	0403		
Bandwidth Exhausted (new calls rejected)	0404		
Badwidth Exhausted - emergency call accepted	0405		
Call Set-Up Failure - insufficient resources on terminating side	0406		
Policy based admission control for video calls (UE behind SIP aware NAT)	0407		
Policy based admission control for video calls (UE behind non-SIP aware NAT)	0408		
Test 5 - TD-SCDMA Access QoS with PCC			
IP CAN Session Establishment	0501	msf2008.178	msf-p0033.078.01
IP CAN Session Terminated by UE	0502		
IP CAN Session terminated by GGSN/PCEF	0503		
IP CAN Session Modification by GGSN/PCEF	0504		
IP CAN Session Modification by PCRF	0505		
IMS Registraion	0506		
IMS Session Establishment	0507		
Enabling of IP flows by AF	0508		
Disabling of IP flows by AF	0508		
IMS Session Modification by AF	0510		
IMS Session Terminated by UE	0511		
Test 6 - TIA 1039 Based QoS	0601	msf2008.071	msf-p0033.078.01
Test 7 - Inter-Doman Authentication - Security Token			
Successful Authentication	0701	msf2008.071	msf-p0033.078.01
Authentication Failure	0702		
Test 8 - Media Packet Priority Marking			
Priority Call Media Marking	0801	msf2008.071	msf-p0033.078.01
Normal Call Media Marking	0802		
Test 9 - Priority Video Calling			
Priority Video Conferencing	0901	msf2008.071	msf-p0033.078.01
Dynamic Priority	0902		
Test 10 - Priority 3-Way Calling			
Priority 3-Way Calling with single authorisation	1001	msf2008.071	msf-p0033.078.01
Priority 3-Way Calling with multiple authorisation	1002		
Priority 3-Way Calling with failed authorisation	1003		

	Test #	MSF Member Contribution #	Participant File Contribution #
S3A: IMS-IPTV Testing			
Test 1 - Service selection and service provider discovery	0101	msf2008.169	msf-p0033.047.01
Test 2 - Start watching broadcast TV	0201		
Test 3 - Change broadcast TV channel	0301		
Test 4 - Quit watching broadcast TV	0401		
Test 5 - Activate trick-play on broadcast TV channel (M1/M2) (1-M1, 2-M2)	0501-0502	msf2008.169	msf-p0033.047.01
Test 6- Activate trick-play on broadcast TV channel (M1/M2) (1-M1, 2-M2)	0601-0602		
Test 7 - Trick-play control after activation trick-play (M1/M2) (1-M1, 2-M2)	0701-0702		
Test 8 - Fast backward to the beginning (M1/M2) (1-M1, 2-M2)	0801-0802		
Test 9 - Trick-play catch up with real time (M1/M2) (1-M1, 2-M2)	0901-0902		
Test 10 - Change channel under trick-play mode (M1/M2) (1-M1, 2-M2)	1001-1002		
Test 11 - Traditional broadcast with smart advertising for scenario 3 (M1/M2)	1101-1102	msf2008.169	msf-p0033.047.01
Test 12 - Start watching Video on Demand (M1/M2) (1-M1, 2-M2)	1201-1202		
Test 13 - Perform trick-play on VoD (M1/M2) (1-M1, 2-M2)	1301-1302		
Test 14 - Stop watching VoD (M1/M2) (1-M1, 2-M2)	1401-1402		
Test 15 - Resume watching from last stop point (M1/M2) (1-M1, 2-M2)	1501-1502		
Test 16 - Terminate VoD session from AS-IPTV (M2)	1601		
Test 17 - Resume watching from last terminated point (M2)	1701		
Test 18 - Stop watching VoD at the end of streaming (M2)	1801		
Test 19 - Start watching Video on Demand with QoS (M2)	1901		
Test 20 - Park and pickup TV (M1/M2) (1-M1, 2-M2)	2001-2002	msf2008.169	msf-p0033.047.01
Test 21 - Record by impulsive capture request (M1/M2) (1-M1, 2-M2)	2101-2102		
Test 22 - Record by off-line capture request (M1/M2) (1-M1, 2-M2)	2201-2202		
Test 23 - Start watching a recorded content	2301		

Test 24 - Video Quality Measurements IMS Aware IPTV network	2401	msf2008.169	msf-p0033.047.01
Test 25 - Testing Network Elements with ITU-T G.1050-2007 / ANSI TIA-921-A	2501		
	Test #	MSF Member Contribution #	Participant File Contribution #
S3B: ATIS IIF Non-IMS Based IPTV Testing (msf2008.248, msf2008.274)			
Test 1 - MSF.IPTV-ATIS.IIF Device Initialization and Network Attachment via DHCP	S3B-0101	msf2008.248	msf-p0033.051.00
Test 2 - MSF.IPTV-ATIS.IIF Device Discovery of Remote Device Manager via Excplicit RCMS IP Address	S3B-0102		
Test 3 - MSF.IPTV-ATIS.IIF Device Discovery of Remote Device Manager via RCMS Full Qualified Domain Name (FQDN) and DNS Query Method	S3B-0103		
Test 4 - MSF.IPTV-ATIS.IIF Remote Device Provisioning via the RCMS using the TR-069 Protocol	S3B-0104		
Test 5 - MSF.IPTV-ATIS.IIF Firmware download using the Unicast Mechanism	S3B-0105		
Test 6 - MSF.IPTV-ATIS.IIF Remote Device Monitoring via the RCMS using the TR-069 Protocol	S3B-0106		
Test 7 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV Service Provider Discovery	S3B-0107		
Test 8 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV ITF Service Selection	S3B-0108		
Test 9 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV Verify Service Attachment	S3B-0109		
Test 10 - MSF.IPTV-ATIS.IIF Service Provider Discovery Test	S3B-1001		
Test 11 - MSF.IPTV-ATIS.IIF IPTV Services Discovery Test	S3B-1101		
Test 12 - MSF.IPTV-ATIS.IIF Linear IPTV Service Attachment Test	S3B-1201		
Test 13 - MSF.IPTV-ATIS.IIF End=End IPTV Measurment: Metrics Collection	S3B-1301	msf2008.274	msf-p0031.075.00
	Test #	MSF Member Contribution #	Participant File Contribution #
S4: Location Services (2007.138, 2008.278)			
Test 1 - Registration	0101	msf2008.138	msf-p0033.052.01
Test 2 - Number Translation & Location Routing	0201		
Test 3 - Location Trust Domain / Privacy Enforcment (Emergency Services)	0301		
Test 4 - Location Trust Domain / Privacy Enforcment (Interconnect)	0401		

Test 5 - Call Queueing without priority call	0501		
Test 6 - Call Queueing with priority call	0601		
Test 7: Black List/White List Authorization	S4-0701	msf2008.278	msf-p0033.079.00
Test 8: Combined Black List/White List Authorization	S4-0801		
Test 9: Add URI to Buddy List	S4-0901		
Test 10: Buddy List Authorization	S4-1001		
	Test #	MSF Member Contribution #	Participant File Contribution #
S5: Service Oriented Architecture (SOA)			
Test 1 - SOA API - Third Party Call Control		msf2008.261	msf-p0033.053.02
Make Session	0101		
Get Call Session Info	0102		
End Session	0103		
3-Participant Call	0104		
Test 2 - SOA API - Call Notoification	0201	msf2008.261	msf-p0033.053.02
Test 3 - SOA API - Short Message Service			
Send SMS	0301		
Get SMS Delivery Status	0302		
Get Received SMS	0303		
Test 4 - SOA API - Multimedia Messaging	0301	msf2008.261	msf-p0033.053.02
Send MM SMS	0401		
Get MM SMS Delivery Status	0402		
Get Received MM SMS	0403		
Test 5 - SOA API - Terminal Location	0501	msf2008.261	msf-p0033.053.02
Test 6 - SOA API - Audio Call			
Play Audio Message	0601		
Get Message Status	0602		
End Message	0603		
Test 7 - SOA API - Presence		msf2008.261	msf-p0033.053.02
Polling	0701		
Autonomous Notification	0702		
Test 8 - POI Services with Location	0801		
Test 9 - Taxi Services with Location	0901		
	Test #	MSF Member Contribution #	Participant File Contribution #
S6: Management			
Test 1 - Remote STB Management			
Configuration Baseline	0101		
Remote Diagnostics - Fault Detection (Faulty AV or video stream)	0102		

Remote Diagnostics - Fault Detection (Modify STB Parameters)	0103	msf2008.104	msf-p0033.058.00
Remote Diagnostics - Fault Correction Software Upgrade	0104		
Remote Diagnostics - Fault Correction STB Reboot	0105		
Remote Diagnostics - Fault Correction & Factory Reset	0106		
Performance Management -Audience Stats	0107		
Performance Management - Performance Metrics	0108		
Test 2 - Offline Billing			
End-End IMS Call	0201	msf2008.140	msf-p0033.059.00
PSTN to IMS Call	0202		
IMS to PSTN Call	0203		
User Not Reachable - Forwarded to Voice Mail System	0204		
User Abandons Call During Set-Up	0205		
3-Way Call	0206		
Test 3 - VoIP Performance Management			
Management Interface Test - Home Network	0301	msf2008.196	msf-p0033.60.00
Management Interface Test - Home Network Failure Scenario	0302		
Management Interface Test - Vistor Network	0303		
Visitor N/W Performance Management Stats Gathering - Failure Scenario	0304		
Management Interface Test - Visitor Network Failure Scenario	0305		

Other? Please List Below: