

GMI 2008 Scenario and Test Case List

Scenario/Test Case	Test #	Contribution #
S1: End-to-End Service w/out QoS		
Test 1 - Access Attachment		
WIMAX IP-CAN Session Set-Up	0101	msf2008.190
WIMAX IP-CAN Session Termination by UE	0102	msf2008.190
3GPP/3GPP2 IP-CAN Session Set-Up	0103	msf2008.190
3GPP/3GPP2 IP-CAN Session Termination by UE	0104	msf2008.190
Broadband IP-CAN Session Set-Up	0105	msf2008.190
Broadband IP-CAN Session Termination by UE	0106	msf2008.190
TD-SCDMA IP-CAN Session Set-Up	0107	msf2008.190
TD-SCDMA IP-CAN Session Termination by UE	0108	msf2008.178
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
Test 3 - IMS Client Registration (Visitted MSFR4 N/w) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0301-0306	msf2008.190
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
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
Test 6 - Session Establishment (Visitted-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0611-0666	msf2008.190
Test 7 - Session Teardown (Visitted-Home) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0711-0766	msf2008.190
Test 8 - Session Establishment (Home-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0811-0666	msf2008.190
Test 9 - Session Teardown (Home-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	0911-0966	msf2008.190
Test 10 - Session Establishment (Visitted-Visitted) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	1011-1066	msf2008.190

Test 11 - Session Teardown (Visited-Visited) (1-Basband, 2-broadband, 3-3GPP, 4-3GPP2,5-WIMAX, 6-TD-SCDMA)	1111-1166	msf2008.190
Test 12 - IMS Transit Network (Session Establishment) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	1211-1222	msf2008.190
Test 13 - IMS Transit Network (Session Teardown) (1-PSTN Hosted, 2-Non MSF IP N/W Hosted)	1311-1322	msf2008.190
Test 14 - Session Establishment (Home/Visited -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	1413 - 1424	msf2008.190
Test 15 - Session Teardown (Home/Visited -nonMSFR4) (1-Home, 2 - Visitted, 3-PSTN, 4-IP)	1513 - 1524	msf2008.190
Test 16 - Anonymity in IP Environment	1601	msf2008.190
Test 17 - Inter-Domain Transfers		msf2008.190
Domain to Domain transfer of a priority session	1701	
Call Forwarding Transfer of a priority session	1702	

	Test #	Contribution #
S2: End-to-End Services with QoS (2008.071, 2008.178)		
Test 1 - WIMAX Access, QOS with PCC		msf2008.071
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
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
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		msf2008.071
Policy Based Admission Control fro Video Calls	0401	

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		msf2008.178
IP CAN Session Establishment	0501	
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
Test 7 - Inter-Doman Authentication - Security Token		msf2008.071
Successful Authentication	0701	
Authentication Failure	0702	
Test 8 - Media Packet Priority Marking		msf2008.071
Priority Call Media Marking	0801	
Normal Call Media Marking	0802	
Test 9 - Priority Video Calling		msf2008.071
Priority Video Conferencing	0901	
Dynamic Priority	0902	
Test 10 - Priority 3-Way Calling		msf2008.071
Priority 3-Way Calling with single authorisation	1001	
Priority 3-Way Calling with multiple authorisation	1002	
Priority 3-Way Calling with failed authorisation	1003	
	Test #	Contribution #
S3A: IMS-IPTV Testing		
Test 1 - Service selection and service provider discovery	0101	msf2008.169
Test 2 - Start watching broadcast TV	0201	msf2008.169
Test 3 - Change broadcast TV channel	0301	msf2008.169
Test 4 - Quit watching broadcast TV	0401	msf2008.169

Test 5 - Activate trick-play on broadcast TV channel (M1/M2) (1-M1, 2-M2)	0501-0502	msf2008.169
Test 6- Activate trick-play on broadcast TV channel (M1/M2) (1-M1, 2-M2)	0601-0602	msf2008.169
Test 7 - Trick-play control after activation trick-play (M1/M2) (1-M1, 2-M2)	0701-0702	msf2008.169
Test 8 - Fast backward to the beginning (M1/M2) (1-M1, 2-M2)	0801-0802	msf2008.169
Test 9 - Trick-play catch up with real time (M1/M2) (1-M1, 2-M2)	0901-0902	msf2008.169
Test 10 - Change channel under trick-play mode (M1/M2) (1-M1, 2-M2)	1001-1002	msf2008.169
Test 11 - Traditional broadcast with smart advertising for scenario 3 (M1/M2)	1101-1102	msf2008.169
Test 12 - Start watching Video on Demand (M1/M2) (1-M1, 2-M2)	1201-1202	msf2008.169
Test 13 - Perform trick-play on VoD (M1/M2) (1-M1, 2-M2)	1301-1302	msf2008.169
Test 14 - Stop watching VoD (M1/M2) (1-M1, 2-M2)	1401-1402	msf2008.169
Test 15 - Resume watching from last stop point (M1/M2) (1-M1, 2-M2)	1501-1502	msf2008.169
Test 16 - Terminate VoD session from AS-IPTV (M2)	1601	msf2008.169
Test 17 - Resume watching from last terminated point (M2)	1701	msf2008.169
Test 18 - Stop watching VoD at the end of streaming (M2)	1801	msf2008.169
Test 19 - Start watching Video on Demand with QoS (M2)	1901	msf2008.169
Test 20 - Park and pickup TV (M1/M2) (1-M1, 2-M2)	2001-2002	msf2008.169
Test 21 - Record by impulsive capture request (M1/M2) (1-M1, 2-M2)	2101-2102	msf2008.169
Test 22 - Record by off-line capture request (M1/M2) (1-M1, 2-M2)	2201-2202	msf2008.169
Test 23 - Start watching a recorded content	2301	msf2008.169
Test 24 - Video Quality Measurements IMS Aware IPTV network	2401	msf2008.169
Test 25 - Testing Network Elements with ITU-T G.1050-2007 / ANSI TIA-921-A	2501	msf2008.169
	Test #	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

Test 2 - MSF.IPTV-ATIS.IIF Device Discovery of Remote Device Manager via Excplicit RCMS IP Address	S3B-0102	msf2008.248
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	msf2008.248
Test 4 - MSF.IPTV-ATIS.IIF Remote Device Provisioning via the RCMS using the TR-069 Protocol	S3B-0104	msf2008.248
Test 5 - MSF.IPTV-ATIS.IIF Firmware download using the Unicast Mechanism	S3B-0105	msf2008.248
Test 6 - MSF.IPTV-ATIS.IIF Remote Device Monitoring via the RCMS using the TR-069 Protocol	S3B-0106	msf2008.248
Test 7 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV Service Provider Discovery	S3B-0107	msf2008.248
Test 8 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV ITF Service Selection	S3B-0108	msf2008.248
Test 9 - MSF.IPTV-ATIS.IIF IMS-BASED IPTV Verify Service Attachment	S3B-0109	msf2008.248
Test 10 - MSF.IPTV-ATIS.IIF Service Provider Discovery Test	S3B-1001	msf2008.248
Test 11 - MSF.IPTV-ATIS.IIF IPTV Services Discovery Test	S3B-1101	msf2008.248
Test 12 - MSF.IPTV-ATIS.IIF Linear IPTV Service Attachment Test	S3B-1201	msf2008.248
Test 13 - MSF.IPTV-ATIS.IIF End=End IPTV Measurment: Metrics Collection	S3B-1301	msf2008.274
	Test #	Contribution #
S4: Location Services (2008.138, 2008.278)		
Test 1 - Registration	0101	msf2008.138
Test 2 - Number Translation & Location Routing	0201	msf2008.138
Test 3 - Location Trust Domain / Privacy Enforcment (Emergency Services)	0301	msf2008.138
Test 4 - Location Trust Domain / Privacy Enforcment (Interconnect)	0401	msf2008.138
Test 5 - Call Queueing without priority call	0501	msf2008.138
Test 6 - Call Queueing with priority call	0601	msf2008.138
Test 7: Black List/White List Authorization	S4-0701	msf2008.278
Test 8: Combined Black List/White List Authorization	S4-0801	msf2008.278
Test 9: Add URI to Buddy List	S4-0901	msf2008.278
Test 10: Buddy List Authorization	S4-1001	msf2008.278
	Test #	Contribution #
S5: Service Oriented Architecture (SOA)		
Test 1 - SOA API - Third Party Call Control		msf2008.261
Make Session	0101	
Get Call Session Info	0102	

End Session	0103	
3-Participant Call	0104	
Test 2 - SOA API - Call Notoification	0201	msf2008.261
Test 3 - SOA API - Short Message Service		msf2008.261
Send SMS	0301	
Get SMS Delivery Status	0302	
Get Received SMS	0303	
Test 4 - SOA API - Multimedia Messaging	0301	msf2008.261
Send MM SMS	0401	
Get MM SMS Delivery Status	0402	
Get Received MM SMS	0403	
Test 5 - SOA API - Terminal Location	0501	msf2008.261
Test 6 - SOA API - Audio Call		msf2008.261
Play Audio Message	0601	
Get Message Status	0602	
End Message	0603	
Test 7 - SOA API - Presence		msf2008.261
Polling	0701	
Autonomous Notiification	0702	
Test 8 - POI Services with Location	0801	msf2008.261
Test 9 - Taxi Services with Location	0901	msf2008.261
	Test #	Contribution #

S6: Management		
Test 1 - Remote STB Management		msf2008.104
Configuration Baseline	0101	
Remote Diagnostics - Fault Detection (Faulty AV or video stream)	0102	
Remote Diagnostics - Fault Detection (Modify STB Parameters)	0103	
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		msf2008.140
End-End IMS Call	0201	
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		msf2008.196
Management Interface Test - Home Network	0301	
Management Interface Test - Home Network Failure Scenario	0302	
Management Interface Test - Visitor Network	0303	
Visitor N/W Performance Management Stats Gathering - Failure Scenario	0304	
Management Interface Test - Visitor Network Failure Scenario	0305	

Other? Please List Below: