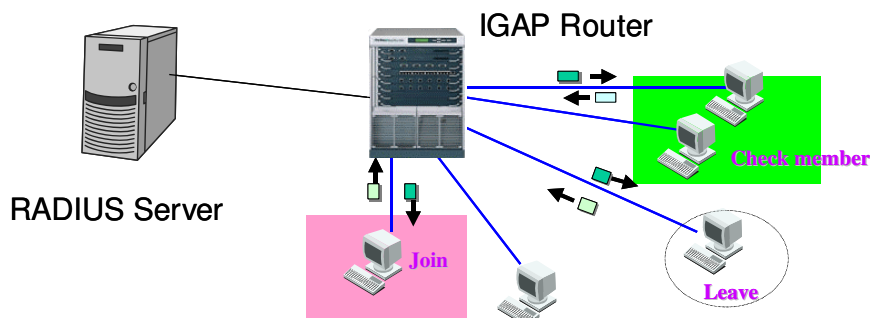


Support Latest Multicast protocols

MD1230A-14 / MD1231A-14 / MU740701A-14 IGAP Protocol

IGMP for User Authentication Protocol (IGAP)

IGAP is one of the multicast protocols based on IGMP that was jointly developed by NTT and Nortel. It is now deliberated at IETF (Internet Engineering Task Force) as a draft. IGAP add an authentication function that can implement user authentication and charge by time function to multicast network like video distribution. Anritsu provides IGAP measurement with software option of MD1230A family.

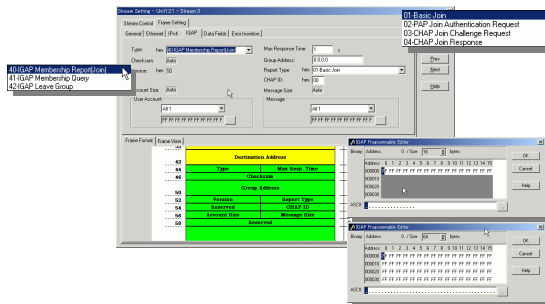


Software Option MD1230A-14 / MD1231A-14, MU740701A-14

MD1230A-14 / MD1231A-14 / MU740701A-14 is an option of MD1230A family IP tester. IGAP measuring and another IP measuring functions of MD1230A family can be used simultaneously.

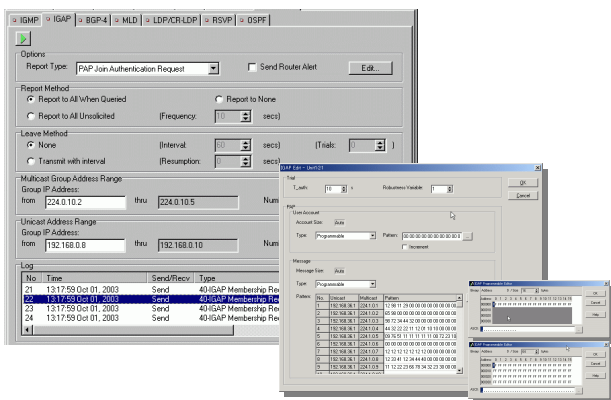
IGAP packet Transmission

This option can create IGAP packets with GUI and also edit User Account and Message field of IGAP. Edited packet data can transmit as maximum 256 sequence patterns to test various system flexibility.



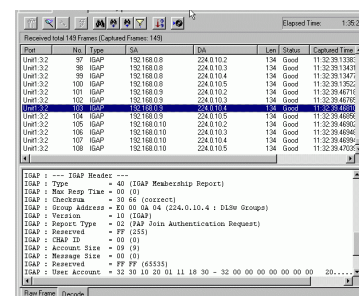
IGAP Emulation

This option supports emulation of IGAP multicast network. MD1230A family simulates an operation of Join or Leave from several host in IGAP multicast network.



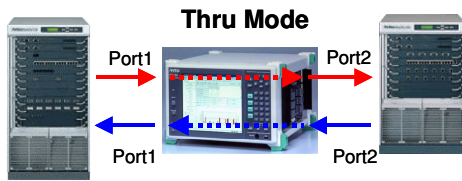
Capture and Decode

This option can analysis captured IGAP packets with decode function at a protocol level. Status and messages of IGAP packet can be easily checked.



■ Applications

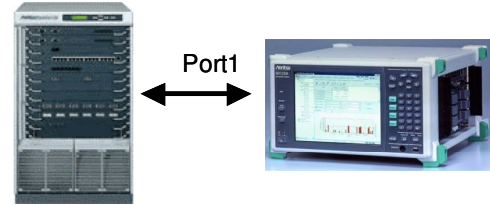
IGAP Analysis



Capture and Decode functions of the option can implement the following,

- Check the IGAP sequences
- Verification of inter operability
- Quick Troubleshooting

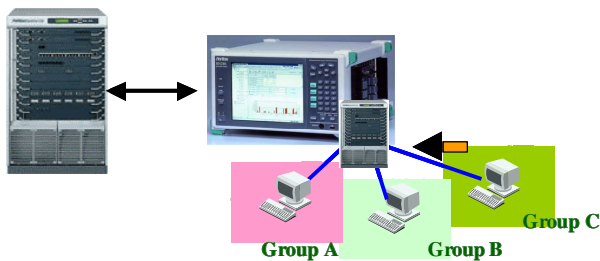
IGAP Packet Tx



Transmission function of the option can easily set and transmit various IGAP packets to implement the following,

- Check the IGAP sequences
- Perform abnormal test

IGAP Emulation



This option can verify IGAP function by emulating IGAP multicast network.

Network performance test and flap test of Join / Leave in multicast group can be implemented.

■ Specifications

MD1230A-14 / MD1231A-14 / MU740701A-14		IGAP Protocol	
Model	MD1230A, MD1231A, MT7407A	IGAP response method	Select from three types; No response / Response when received requirement / Response without condition at intervals
Module	MU120111A, MU120112A		
Software	Ver3.1 or later	Simultaneous response host	Maximum 16
TX IGAP Packet	Membership Report(Join) / Membership Query / Leave Group	Leave packet Transmission cycle	60s to 1800s
		IGAP specification	IGAP Draft-01

■ Ordering Information

Model / Order No.	Item	Comment
MD1230A-14 MD1231A-14 MX123001A-14	Option IGAP Protocol IGAP Protocol IGAP Protocol	For MD1230A For MD1231A For MT7407A

This option required MU120111A or MU120112A.



Specifications are subject to change without notice.

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