



Latest Release Notes

2018-11-07

Table of Contents

Firmware Pack	3
New Functionalities	4
Modified Features, Functionalities and Interface Modifications	5
Issues Fixed	7
Copyright Notice	9

Firmware Pack

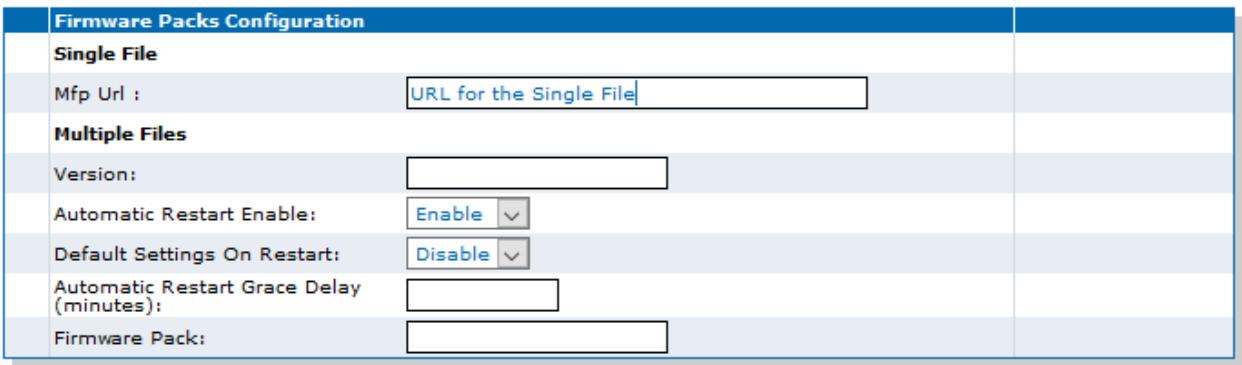
The firmware pack is a ZIP file that contains the modules and the features to install on your Mediatrix unit when a new release is available.

When unzipping the firmware pack, the content is extracted according to a pre-defined tree architecture. This creates a directory that contains the files required for the Mediatrix unit to properly upgrade its firmware.

New Functionalities

Incident #	CR #	Synopsis	Applies To
Description			
IN 12159	DGW-3820	Add an option to automatically switch to the first caller when a second caller hangs up.	FXS ports
<p>During a call with a second peer (second call), when a SIP BYE is sent by the peer, two behaviors can occur depending on the value of the new <code>EpServ.DefaultSecondCallDisconnectAction</code> and <code>EpServ.EpSpecificSecondCallTable.DisconnectAction</code> parameters. If the parameters are set to</p> <ul style="list-style-type: none"> • Wait: the end of call tone is played and the next action depends on the user. This is the default behavior. • AutoSwitch: a tone is played and the call automatically passes to the first peer. 			
---	DGW-3234	Add CWMP support for voice/data codecs parameters.	all
Add CWMP parameters for all supported voice/data codecs which include G.711 a-Law, G.711 u-Law, G.726 16Kbps, G.726 24Kbps, G.726 32Kbps, G.726 40Kbps, G.729, T.38, clear mode, clear channel and X-CCD.			
---	DGW-2528	Allow the administrator to remotely configure a subset of the telephony services with TR-069.	all
The CWMP parameters for hold, call waiting, second call, transfer, conference, forward telephony services, and DTMF map configuration were added.			
IN 11370	DGW-2169	Support for a single file firmware upgrade.	Firmware upgrade
It is possible to update the unit using a single file upgrade download. The multiple file firmware download is still possible.			

Modified Features, Functionalities and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-4198	Parameters used to configure multiple file transfer for firmware upgrades are now deprecated.	all
<p>The following parameters used to configure multiple file transfer for firmware upgrades are now deprecated:</p> <ul style="list-style-type: none"> Fpu.MfpSelection.Index Fpu.MfpSelection.MfpName Fpu.MfpVersion Fpu.MfpLocation Fpu.MfpTransferProtocol Fpu.MfpHostname <p>The parameter Fpu.MfpUrl used to configure single file updates for firmware upgrades should be used instead.</p>			
---	DGW-3060	Bandwidth control is not available on the Mediatrix Sentinel 400.	Sentinel 400
Bandwidth control is now available on the Mediatrix Sentinel 400.			
IN 11370	DGW-2169	Support for a single file firmware upgrade.	Firmware upgrade
We have modified the MIBs, Web pages to add the support for single file upgrade download.			
			
---	DGW-3234	Add CWMP support for voice/data codecs parameters.	all

Incident #	CR #	Synopsis	Applies To
Description			
All parameters under Mipt.Codec group are supported in CWMP.			
---	DGW-2528	Allow the administrator to remotely configure a subset of the telephony services with TR-069.	all
<p>The parameters under the following groups are now supported in CWMP:</p> <ul style="list-style-type: none"> • EpServ.Hold • EpServ.CallWaiting • EpServ.SecondCall • EpServ.Transfer • EpServ.Conference • EpServ.Forward • EpServ.DtmfMap 			
	DGW-1258	The SBC Number of Active Calls parameter is not yet supported.	Sbc service
The Sbc.NbActiveCalls parameter is now supported.			

Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-4489	Fix memory leak upon reception of HTTP requests.	all
Fix memory leak upon reception of HTTP requests.			
	DGW-4481	DHCP client memory leak when sending DHCP inform.	all
Fixed memory leak in DHCP client.			
	DGW-4473	The Mediatrix Sentinel 400 may restart when targeted by a specific SQL injection attack in SIP.	Sentinel 400
An issue in the logging subsystem has been identified and corrected. The SBC logging subsystem no longer triggers the Sentinel to be restarted.			
	DGW-4198	Parameters used to configure multiple file transfer for firmware upgrades are now deprecated.	all
Single file update is now supported by DGW for firmware upgrade. Parameters used to configure multiple file transfer for firmware upgrades are now deprecated. The parameter used to configure single file updates for firmware upgrades should be used instead.			
	DGW-3994	All interfaces have the same physical address in the SNMP's IfTable.	all
SNMP's IfTable now contains the proper physical address for each interface of the unit.			
	DGW-3964	The "Cancel Sensing" button does not work.	ISDN and EAM
Using the "Cancel Sensing" button in the ISDN/Status and EAM/Status Web pages had no effect. The "Cancel Sensing" button in the "Automatic Configuration" group of the ISDN/Status and EAM/Status Web pages is now enabled.			
	DGW-3939	Unable to change the clock reference source from Slot3/E1T1 to Slot2/E1T1.	all
It was not possible to change the clock reference directly from Slot3/E1T1 to Slot2/E1T1. An intermediary setting had to be used to make it work. For example, from Slot3/E1T1 to none then from none to Slot2/E1T1. It is now possible to directly change the clock reference from Slot3/E1T1 to Slot2/E1T1.			

Incident #	CR #	Synopsis	Applies To
Description			
IN 12298	DGW-3927	Subnets larger than 24 are not used by the DHCP service.	DHCP service
If the DHCP server on the Mediatrix gateway was activated and configured with a subnet that is larger than 24, it would revert back to 24 when validating the range. Therefore, only the first 256 addresses from a subnet were usable in the range, even when the subnet was larger. Subnets larger than 24 are now handled properly by the DHCP service.			
IN 12283	DGW-3901	The FXO port sometimes stops working on the Sentinel.	Sentinel
On an incoming call, the Sentinel FXO port did not always detect the ring and would not answer the call until the Pots service was restarted. The FXO port now properly detects the ring. The interrupt controller was fixed to prevent interruption losses that caused the FXO port to stop working.			
IN 12272	DGW-3873	TAC traces were published in the CLI only if a remote host was set.	all
TAC traces will now be published provided that they are enabled in NIm service and that either the value for the Remote Host is not empty or that CLI logs are enabled.			
---	DGW-3060	Bandwidth control is not available on the Mediatrix Sentinel 400.	Sentinel 400
The system installed on the unit needed an additional module to support bandwidth control. This module was added.			
---	DGW-2643	Unit uses locally configured network policies instead of applying the received policies.	all
The unit sometimes fell in a state where it ignored the received LLDP-MED packets until the unit was restarted. The unit would therefore use locally configured network policies instead of applying the received policies. The restart logic of the LLDP service was fixed to accept LLDP-MED packets when a service is restarted.			
IN 10280	DGW-2015	System closes unexpectedly when a change requires the SipEp service to be restarted and the registration to be refreshed.	CWMP
Receiving a command from the ACS that contains a change that requires to restart the SipEp service and to refresh the registration no longer causes the system to close unexpectedly.			
	DGW-1258	The SBC Number of Active Calls parameter is not yet supported.	Sbc service
The SBC Number of Active Calls parameter is now supported.			

Copyright Notice

Copyright © 2018 Media5 Corporation.

This document contains information that is proprietary to Media5 Corporation.

Media5 Corporation reserves all rights to this document as well as to the Intellectual Property of the document and the technology and know-how that it includes and represents.

This publication cannot be reproduced, neither in whole nor in part, in any form whatsoever, without written prior approval by Media5 Corporation.

Media5 Corporation reserves the right to revise this publication and make changes at any time and without the obligation to notify any person and/or entity of such revisions and/or changes.





4229, rue de la Garlock
Sherbrooke (Quebec)
J1L 2C8 Canada
media5corp.com