

DGW Release Notes v45.2.1912

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Firmware Pack

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

New Functionalities

Incident #	CR #	Synopsis	Applies To																																			
Description																																						
	DGW-11854	Sending notification messages using SNMP traps as transport protocol must be possible.	SNMP																																			
The SNMP traps transport protocol is now available for notification events in the DGW Web interface in the System/EventLog/Notification Events table.																																						
<table><thead><tr><th colspan="7">Notification Events</th></tr><tr><th>#</th><th>Activation</th><th>Criteria</th><th>Service</th><th>Notification</th><th>Action</th><th>Config Status</th></tr></thead><tbody><tr><td>1</td><td> Enable </td><td> All </td><td> --- Suggestion --- </td><td> </td><td> Send Via Syslog </td><td>Valid</td></tr><tr><td>3</td><td> Enable </td><td> 400.1,1400.310,1400.670,1400.680 </td><td> --- Suggestion --- </td><td> </td><td> Send Via SNMP </td><td>Valid</td></tr><tr><td colspan="6"></td><td></td></tr></tbody></table>				Notification Events							#	Activation	Criteria	Service	Notification	Action	Config Status	1	Enable	All	--- Suggestion ---		Send Via Syslog	Valid	3	Enable	400.1,1400.310,1400.670,1400.680	--- Suggestion ---		Send Via SNMP	Valid							
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3	Enable	400.1,1400.310,1400.670,1400.680	--- Suggestion ---		Send Via SNMP	Valid																																
---	DGW-10627	Remove the Conf.ScriptsTransferHttpAuthenticationMethod parameter.	all																																			
The Conf.ScriptsTransferHttpAuthenticationMethod parameter was removed. The script transfers initiated by the Ems service will always use the ProprietaryV1 authentication method. Script transfers initiated by other services (Cwmp, Conf) will use the normal authentication method. On an upgrade, the content of the Conf.ScriptsTransferHttpAuthenticationMethod parameter is discarded and is not restored on a subsequent downgrade.																																						

Modified Features, Functionalities and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-12150	Disable unused HTTP methods on Web server.	Web
The Web server will now reject the HEAD, OPTIONS, and TRACE methods.			
	DGW-11854	Sending notification messages using SNMP traps as transport protocol must be possible.	SNMP
The SNMP traps transport protocol is now available for notification events under System/EventLog/Notification Events table.			

Notification Events						
#	Activation	Criteria	Service	Notification	Action	Config Status
1	Enable	All	--- Suggestion ---		Send Via Syslog	Valid
3	Enable	100.1,1400.310,1400.670,1400.680	--- Suggestion ---		Send Via SNMP	Valid

Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-12153	One of the Sbc DGW Web page contains an XSS vulnerability.	Web
The XSS vulnerability was removed.			
	DGW-12150	Disable unused HTTP methods on Web server.	Web
The Web server will now reject the HEAD, OPTIONS, and TRACE methods.			
IN-14217	DGW-11962	Using the DGW Web page, certificate files can be permanently deleted by mistake without any confirmation request.	all
The user confirmation is now requested before permanently deleting certificate files in the DGW Web pages.			
IN-14428	DGW-11944	QSIG calls on BRI interfaces are being dropped.	BRI, QSIG
Calls on BRI interfaces were being dropped because in the QSIG protocol the Call reference length was not 2 octets. For calls in QSIG on BRI interfaces, the Call reference length is now forced to 2 octets. Calls in BRI QSIG interfaces are no longer dropped.			
IN-14446	DGW-11932	An unwanted SIP unregistration message is sent after network connectivity is back.	all
When network connectivity was lost, SIP UnRegister messages were sent, no matter the operational status of the network interface. Before sending the SIP UnRegister messages, the SipEp service will now first check if the assigned network interface has a valid IP address. If there is no valid IP address, the SIP UnRegister message will not be sent over the network.			
IN-14364	DGW-11844	Ethernet speed/duplex not negotiated correctly on Sentinel 400.	Sentinel 400
The Sentinel 400 Ethernet driver was unable to negotiate speed correctly under certain circumstances. For example, after restarting the unit with ETH1 connected to a 100 Mbit/s port, the driver would not be able to negotiate a 1 Gbit/s speed after a re-connection. Ethernet speed/duplex is now properly negotiated.			
	DGW-11518	Attempting to restore a configuration created with a more recent DGW version will no longer cause a factory reset.	all
Restoring a configuration created with a more recent DGW version is not supported.			

Incident #	CR #	Synopsis	Applies To
Description			
Prior to this release, attempting to do so would trigger multiple error notifications and a factory reset. This behavior has been changed to trigger only a single notification and abort the operation to restore the configuration without initiating a factory reset.			
IN-14303	DGW-11450	The Mediatrix device has a memory leak if SNMP traps are enabled and SNMP V1, V2, and V3 are disabled.	SNMP
The Mediatrix device no longer has a memory leak when trying to send SNMP traps when SNMP V1, V2, and V3 are disabled.			

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