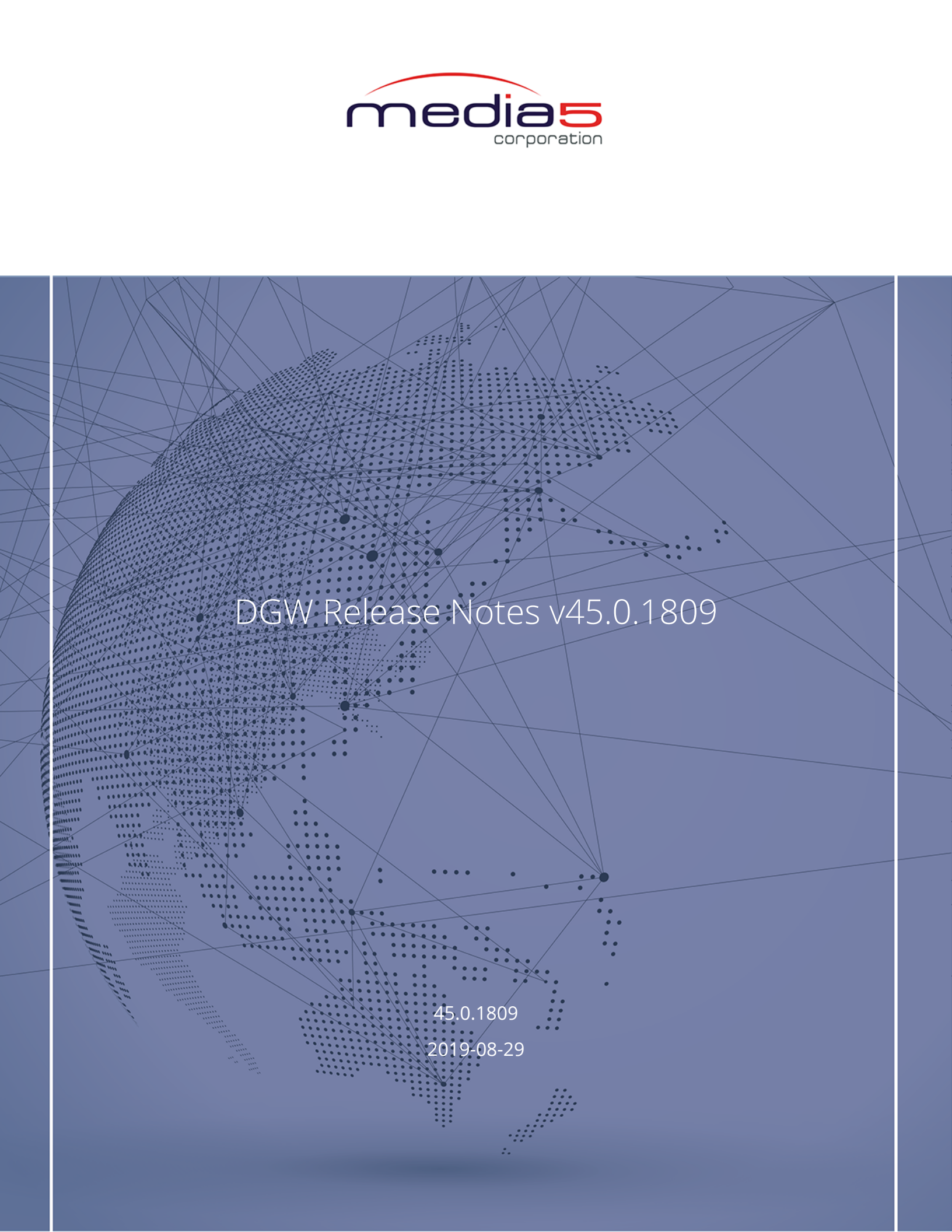


The background of the page is a dark blue field filled with a complex network of thin, light blue lines connecting numerous small black dots. These dots are arranged in a way that suggests a global map, with higher concentrations in North America and Europe. The overall effect is a sense of interconnectedness and data flow.

DGW Release Notes v45.0.1809

45.0.1809
2019-08-29

Table of Contents

Firmware Pack	3
New Functionalities	4
Modified Features, Functionalities and Interface Modifications	6
Issues Fixed	7
Copyright Notice	10

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-10276	The MX profile now supports Virtuo.	Ems
The MX profile now attempts a connection to the Virtuo server. If the unit is managed by the Virtuo server, it will get provisioned by it.			
---	DGW-9960	When the unit is restarted, if the NTP server is unreachable, the TLS connections must be established successfully.	all
When NTP server is temporarily unreachable on startup before any TLS communications, the unit will use the most recent among: - Previously persisted date/time - Firmware build date/time - Unit produced date Then TLS communications can establish successfully. When the unit starts with a reachable NTP server, the unit system time will be synchronized properly.			
---	DGW-8636	Some platforms such as the Mediatrix S7/G7/C7 Series and the Sentinel 100/400 do not support VMWI with a high voltage signal for FXS ports.	all
The Mediatrix S7/G7/C7 Series and the Sentinel 100/400 can now activate, for FXS ports, the Visual Message Waiting Indicator (VMWI) light with a high voltage signal, which is needed by some phone models frequently found in hospitality environment. The actual voltage depends on the platform: - The Mediatrix S7 LP Series support up to 115 Vdc - The Mediatrix S7 Series (non-LP), C7/G7 Series and Sentinel 100/400 support up to 80 Vdc Since most phone that have VMWI with a high voltage light typically need 90 Vdc, it is recommended, for increased reliability, to use the S716 LP or the S724 LP. See the Pots.FxsDefaultVisualMessageWaitingIndicatorType parameter on how to configure this feature. LIMITATION on the S7 LP Series: If a phone has a REN (Ringer Equivalence Number) of 4 or higher, the unit may falsely detect that the phone has gone "off-hook" for a very brief period. This false detection may cause incoming calls to be rejected by the unit since it considers the line temporarily in-use.			

Incident #	CR #	Synopsis	Applies To
Description			
LIMITATION on the C7 Series (Revision 0): The high voltage VMWI is not available on units of the Mediatrix C7 Series with a Serial Number starting with one of the following: • Mediatrix C710 (Rev. 0): 0027800xxxxxxxxxxxxx or 27800xxxxxxxxxxxxx • Mediatrix C711 (Rev. 0): 0027900xxxxxxxxxxxxx or 27900xxxxxxxxxxxxx • Mediatrix C731 (Rev. 0): 0028200xxxxxxxxxxxxx or 28200xxxxxxxxxxxxx			

Modified Features, Functionalities and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
---	DGW-11169	Allow the modification of the Contact header of REGISTER requests with the IP address and port of the proxy.	SipProxy

The new ContactOverrideEnable parameter was added which enables the modification of the Contact header of REGISTER requests with the IP address and port of the proxy. The new parameter is available in the DGW Web interface under SIPProxy/Configuration.

Configuration	
Survivability	
Survivability Mode:	Automatic ▾
Monitoring	
Interval:	30
Toggle Delay:	0
Destination:	
Keep Alive Error Codes:	
Network	
Network Interface:	Uplink ▾
Port:	0
Secure Port:	0
Registration	
Contact Override:	Enable ▾
Endpoint Survivability Expiration:	90
Registration Throttling	
Endpoint Throttling Expiration:	120
Relayed Throttling Expiration:	0
Interop	
OPTIONS Method Support:	Default ▾
Request Transaction Timeout:	32

Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-11436	CA certificates must be included in the MX profile to trust the Virtuo cloud-EMS provisioning service.	all
Two new CA certificates have be included in the MX profile to trust the Virtuo cloud-EMS provisioning service. The MS profile is no longer built.			
IN-14241	DGW-11222	Incoming voice from SIP side is not heard (one-way audio)	all
When RTP packets from an unwanted source is received during an active call, the audio is no longer heard. Fixed the Mipt.EnforceSymmetricRtpEnable parameter. Now when the parameter is set to "Enable", it will ignore all packets from a different IP source.			
---	DGW-11169	Allow the modification of the Contact header of REGISTER requests with the IP address and port of the proxy.	SipProxy
The new ContactOverrideEnable parameter was added which enables the modification of the Contact header of REGISTER requests with the IP address and port of the proxy.			

Incident #	CR #	Synopsis	Applies To
Description			

The new parameter is available in the DGW Web interface under SIP Proxy/Configuration.

Configuration	
Survivability	
Survivability Mode:	Automatic ▾
Monitoring	
Interval:	30
Toggle Delay:	0
Destination:	
Keep Alive Error Codes:	
Network	
Network Interface:	Uplink ▾
Port:	0
Secure Port:	0
Registration	
Contact Override:	Enable ▾
Endpoint Survivability Expiration:	90
Registration Throttling	
Endpoint Throttling Expiration:	120
Relayed Throttling Expiration:	0
Interop	
OPTIONS Method Support:	Default ▾
Request Transaction Timeout:	32

The SIP proxy uses this contact override mechanism to ensure that the server sends calls to the proxy when contacting the registered endpoints. When forwarding REGISTERS, the proxy replaces the host/port of the contacts by the SIP proxy host/port and adds a proprietary URI parameter named "x-mtx-ob" containing the original host/port encoded in base 64. When receiving a request with the parameter x-mtx-ob, the proxy replaces the request-URI host/port by the host/port of the x-mtx-ob parameter and removes the parameter. The request is then forwarded to the new destination.

	DGW-11055	Script statuses are wrongly updated and notifications are sent while they should not.	Ems
--	-----------	---	-----

When the Ems service was attempting to contact the Virtuo server, some confusion was created because the Conf service was updating script execution statuses and was issuing notifications about script download and execution. To reduce this confusion, when the Conf service executes a script on behalf of the Ems service, the Conf service no longer updates the ScriptsStatsCurrentTransferState, ScriptsStatsLastTransferResult, and

Incident #	CR #	Synopsis	Applies To
Description			
ScriptsStatsLastTransferDateTime parameters and no longer issues the notifications related to script downloads.			
	DGW-11039	The Hoc.StaticSntpServers table does not get its new values after upgrading to a new profile.	all
The Hoc.StaticSntpServers table could not get values from a profile at upgrade time because the previous versions already filled this table using the default value of the obsolete Hoc.StaticSntpServersHost parameter. The default value of the obsolete Hoc.StaticSntpServersHost parameter is no longer used to provide a value to the Hoc.StaticSntpServers parameter. When upgrading: - if the Hoc.StaticSntpServers table contains only the default value from Hoc.StaticSntpServersHost parameter, it is removed and replaced with the value provided in the profile. - if the profile contains no value for the Hoc.StaticSntpServersHost parameter, the table then contains only empty entries.			
---	DGW-6683	The EpServ.DefaultSecondCallDisconnectAction and EpServ.EpSpecificSecondCall.DisconnectAction parameters were no longer accessible from CWMP.	CWMP
The EpServ.DefaultSecondCallDisconnectAction and EpServ.EpSpecificSecondCall.DisconnectAction parameters are now available from CWMP.			

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