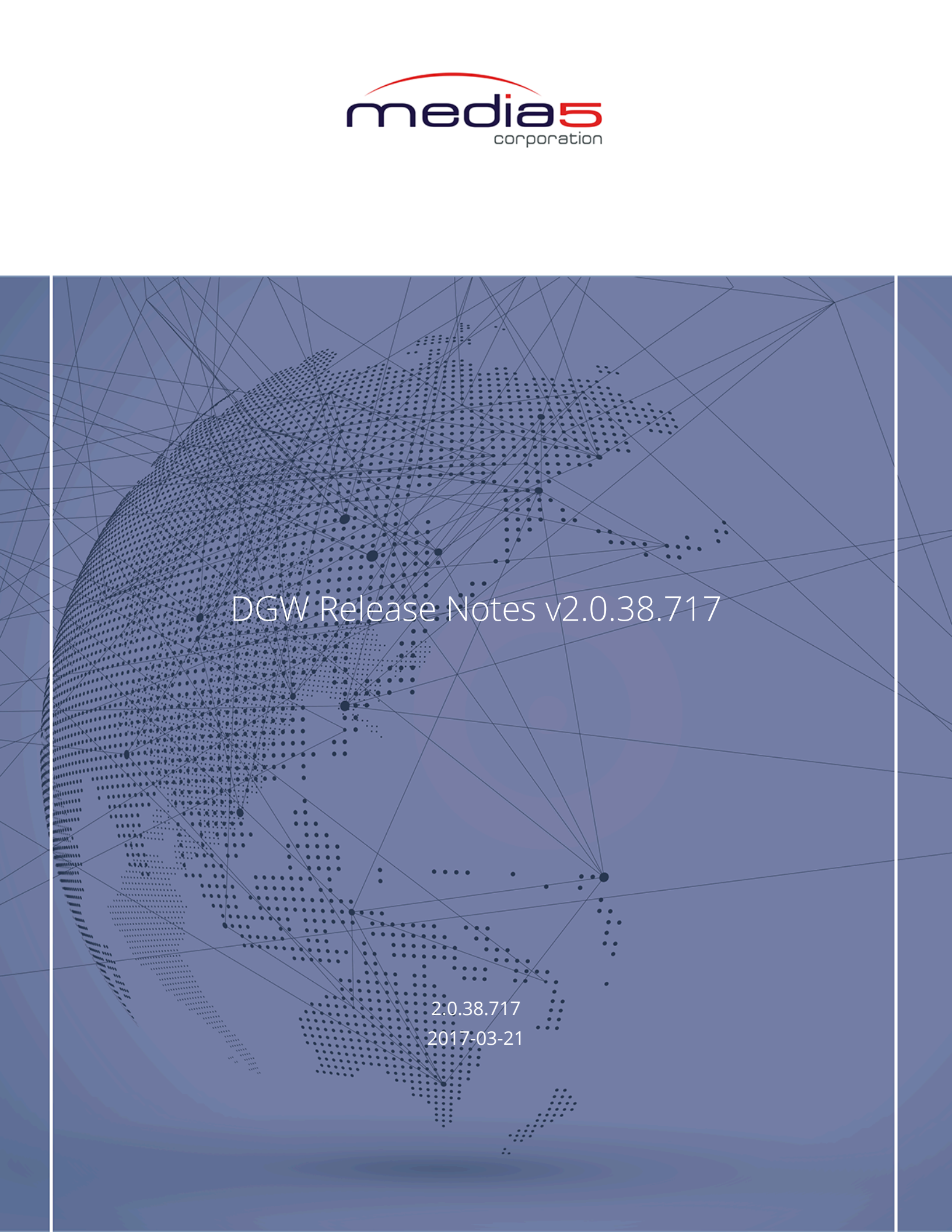


The background is a dark blue gradient with a complex, abstract pattern of thin white lines and dots, resembling a network or a stylized globe. The pattern is denser on the left side and fades towards the right.

DGW Release Notes v2.0.38.717

2.0.38.717
2017-03-21

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New Functionalities

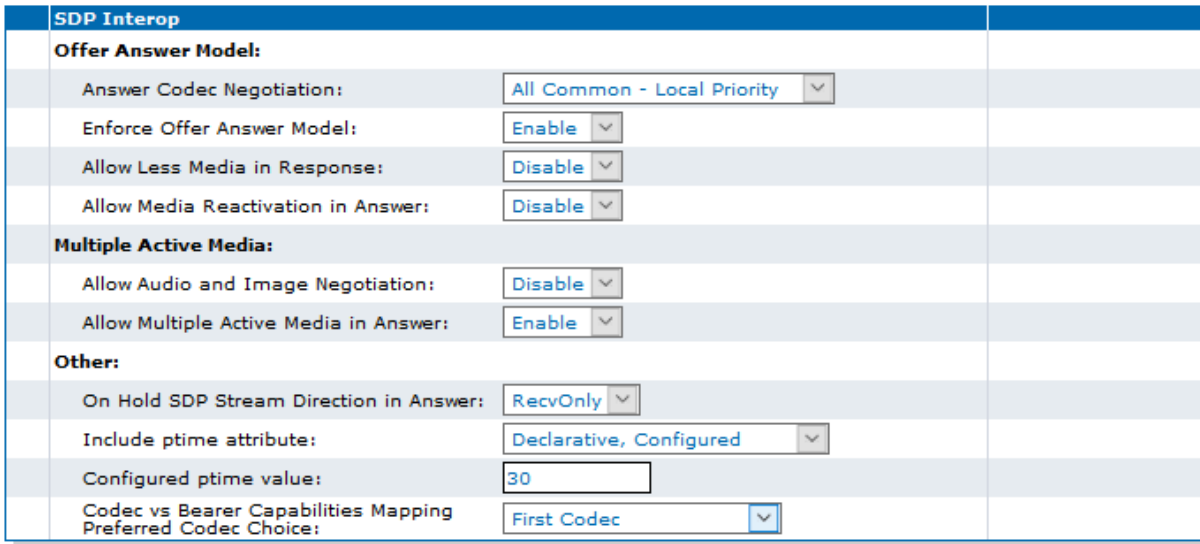
Incident #	CR #	Synopsis	Applies To
Description			
IN 12439	DGW-4916	The session-id is not regenerated upon Web login.	Web Service
The session-id present in the cookie is now regenerated systematically upon login. The session-id is also cleared in the cookie on logout.			
IN 12045	DGW-3570	SDP offers can now include the ptime attribute.	all
The ptime attribute in SDP offers can now be added. Two new parameters were added to the Web interface: • Include ptime Attribute: Specifies what value must be put in the ptime attribute of the SDP offers. • Configured ptime Attribute: Specifies the configurable value to be put in the ptime attribute of the SDP offers provided the Include ptime attribute parameter is set to Declarative, Configured. The Include ptime Attribute parameter can have 3 values: • Disabled • Declarative, Preferred Codec: Takes the ptime that the preferred codec would use. • Declarative, Configured: Takes the value of the Configured ptime Attribute parameter.			
IN 11925	DGW-2462	Support the G.723.1 codec on Mediatrix C7, Mediatrix G7, and Sentinel units.	Sentinel, G7, and C7
The G.723.1 codec is now supported on the Sentinel, the Mediatrix C7, and the Mediatrix G7 units.			
---	DGW-1184	Calls are rejected even if some DSP resources are still available.	Sentinel

Incident #	CR #	Synopsis	Applies To
Description			
Each endpoint is statically bounded to a specific DSP on the unit. This may lead to call rejections even if some DSP resources are still available because of an unbalanced resource utilisation. Endpoints requesting DSP resources to process a call are now dynamically bounded to the DSP with the most available resources on the unit. At the end of the call, DSP resources are freed and are available to be used by other endpoints. This ensures a balanced resource utilisation and leads to more successful calls processed by the unit.			
---	DGW-239	Add Sentinel 100 support in Dgw application.	Sentinel 100
Dgw application now supports the Mediatrix Sentinel 100.			
---	DGW-235	The graceful restart is now supported by the Sbc service.	Sbc service
When a graceful restart is executed (either because a service is restarted or because of an automatic restart during a firmware installation) the Sbc service will refuse during the grace delay any new calls and will wait for all active calls to end before restarting the unit. If the grace delay expires, all active calls will be ended before restarting the unit.			

Modified Features, Functionalities, and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-5491	Calls incoming from SIP to ISDN fail on G7 when the Local Firewall Default Policy is Drop.	Lfw
All internal connections will be accepted when the Lfw Default Policy is Drop.			
	DGW-4918	The organisation of the parameters in the Firmware Upgrade Web page can be confusing.	all

Incident #	CR #	Synopsis	Applies To																																				
Description																																							
Go to Management\Firmware Upgrade. The following parameters were moved to a separate table at the bottom of the page:																																							
- Automatic Restart Enable - Default Settings On Restart - Automatic Restart Grace Delay																																							
<table><tr><th colspan="2">Firmware Packs Configuration</th><th></th></tr><tr><td colspan="3">Single File</td></tr><tr><td>Mfp Url:</td><td> URL for the Single File </td><td></td></tr><tr><td colspan="3">Multiple Files</td></tr><tr><td>Version:</td><td> </td><td></td></tr><tr><td>Firmware Pack:</td><td> </td><td></td></tr><tr><td>Transfer Protocol:</td><td> TFTP </td><td></td></tr><tr><td>Host Name:</td><td> </td><td></td></tr><tr><td>Location:</td><td> </td><td></td></tr><tr><td colspan="3">Transfer Credentials</td></tr><tr><td>User Name:</td><td> </td><td></td></tr><tr><td>Password:</td><td> </td><td></td></tr></table>				Firmware Packs Configuration			Single File			Mfp Url:	URL for the Single File		Multiple Files			Version:			Firmware Pack:			Transfer Protocol:	TFTP		Host Name:			Location:			Transfer Credentials			User Name:			Password:		
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Automatic Restart Grace Delay (minutes):	0																																						
IN 12439	DGW-4916	The session-id is not regenerated upon Web login.	Web Service																																				
The session-id is now regenerated upon login to prevent session fixation attacks.																																							
	DGW-4897	SBC Rulesets with CAPS action consider calls with re-INVITE as separate calls.	Sbc																																				
The CAPS action in SBC ruleset now treats two INVITEs with the same alias as the same call attempt within 30 seconds. This ensures that re-INVITE won't be blocked.																																							

Incident #	CR #	Synopsis	Applies To
Description			
---	DGW-3791	On the Mediatix 3000, the Sbc_Configuration.cfg script configures non-optimal gateway names in the SipEp.UserAgents table.	3000
The Sbc_Configuration.cfg script is used to configure a Mediatix 3000 unit to run as an SBC. This script produced non-optimal values for the SipEp.UserAgents[].GatewayName parameters for FXO, BRI, and E1/T1 ports. The gateway name was set to "All". This was changed to "trunk_lines_gw" to be more consistent with these types of ports.			
IN 12045	DGW-3570	SDP offers can now include the ptime attribute.	all
The ptime attribute in SDP offers can now be added under the SIP/Interop tabs of the Dgw Web interface.			
 The screenshot shows the 'SDP Interop' configuration page. It has a blue header with the title 'SDP Interop'. Below the header, there are several sections of settings, each with a title and a list of options. The 'Offer Answer Model' section includes 'Answer Codec Negotiation' (set to 'All Common - Local Priority'), 'Enforce Offer Answer Model' (set to 'Enable'), 'Allow Less Media in Response' (set to 'Disable'), and 'Allow Media Reactivation in Answer' (set to 'Disable'). The 'Multiple Active Media' section includes 'Allow Audio and Image Negotiation' (set to 'Disable') and 'Allow Multiple Active Media in Answer' (set to 'Enable'). The 'Other' section includes 'On Hold SDP Stream Direction in Answer' (set to 'RecvOnly'), 'Include ptime attribute' (set to 'Declarative, Configured'), 'Configured ptime value' (set to '30'), and 'Codec vs Bearer Capabilities Mapping Preferred Codec Choice' (set to 'First Codec').			
---	DGW-239	Add Sentinel 100 support in Dgw application.	Sentinel 100
The Dgw application now supports the Sentinel 100.			

Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-5491	Calls incoming from SIP to ISDN fail on G7 when the Local Firewall Default Policy is Drop.	Lfw
The Local Firewall drops all internal connections, so we add a default rule to accept these connections.			
IN 12478	DGW-5425	When the unit is restarted, the Telif service switches to manual.	all
When the unit is restarted, the Telif service no longer changes from automatic to manual because of a timing issue.			
IN 12606	DGW-5380	Unit may become unreachable when many clear channel calls are performed.	all
The unit is no longer unreachable when a clear channel call fails to allocate the DSP channel on a 3000 Series unit.			
	DGW-5361	Deactivating the traces of the Conf Script Modifiers also inadvertently deactivates the traces of the Call Manager.	all
Disabling the Conf Script Modifiers diagnostic traces no longer disables the Call Manager traces.			
	DGW-5105	The HTTP User Agent field is not set when a firmware upgrade - multiple file update - is triggered via CWMP.	all
The HTTP User Agent field is now set when a firmware upgrade - multiple file update - is triggered via CWMP.			
	DGW-4918	The organisation of the parameters in the Firmware Upgrade Web page can be confusing.	all
With the addition of single file update it was hard to get which parameter was needed for which transfer type. The page was re-ordered and re-divided so it is now easier to understand.			
	DGW-4897	SBC Rulesets with CAPS action consider calls with re-INVITE as separate calls.	Sbc

Incident #	CR #	Synopsis	Applies To
Description			
A call could be blocked after a re-INVITE because the call attempts per time unit (also known as CAPS) action in the SBC Ruleset was considering each INVITE as a separate calls, which is no longer the case.			
	DGW-4895	RTCP XR packets are not relayed by the SBC therefore no calling statistics are generated.	Sbc
The SBC was stopping RTCP XR packets and considering them as malformed packets. This was corrected and now the SBC properly relays the packets to the intended target. The SBC does not support RTCP XR, so it cannot make use of the packet itself.			
IN 12517	DGW-4707	The Mediatrix 4404 could not handle 6 simultaneous calls when SRTP was enabled with compression codecs.	4404
This limitation was removed. The 4404 can now use all 8 channels, regardless of the configuration.			
	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-4264	In an SBC specific scenario using the "Force SRTP" ruleset, the voice path is cut after a few seconds.	Sbc
The SBC was replacing the SDP crypto attribute in every 180, 183, and 200 responses, which was not supported by the unit receiving these responses. The SBC now reuses the same crypto attribute in these responses.			
IN 12297	DGW-4140	When used as a property criteria in a Call Router route, the "Calling Host" call property is missing the port.	Call router
The port information was missing from the "Calling Host" call property for calls coming from SIP. Now, when the Contact in the SIP INVITE has a port, the port is appended to the Calling Host Call Property.			
IN 12314	DGW-4120	Re-INVITEs are refused by the SBC because the peers use the alias from the prior SIP challenge.	Sbc
The SBC now handles Re-INVITEs with the alias received prior to the SIP challenge.			
---	DGW-3806	Occasional poor audio quality when making a call.	Sentinel

Incident #	CR #	Synopsis	Applies To
Description			
The RTP packets were not sent at a steady state rate on the Sentinel 400, causing poor audio quality if the jitter buffer of the other device was not of good quality. This has been solved.			
---	DGW-3791	On the Mediatrix 3000, the Sbc_Configuration.cfg script configures non-optimal gateway names in the SipEp.UserAgents table.	3000
The Sbc_Configuration.cfg script is used to configure a Mediatrix 3000 unit to run as an SBC. This script produced non-optimal values for the SipEp.UserAgents[].GatewayName parameters for FXO, BRI, and E1/T1 ports. The gateway name was set to "All". This was changed to "trunk_lines_gw" to be more consistent with these types of ports.			
---	DGW-3541	Calls are sometimes dropped when an INVITE containing no Session Description Protocol (SDP) is issued.	Sentinel
The calls are no longer dropped when the Mediatrix SBC routes an INVITE without SDP and receives a 183 provisional response with SDP followed by a 180 with the same SDP, or a 180 Ringing response with SDP followed by a 200 OK with the same SDP.			
---	DGW-3364	When pressing a series of touch keys, the tone sometimes remains locked for a few seconds to one of the touch keys.	all
When using any codec with DTMF out of band and rtp, pressing several touch keys in a row could cause one of the DTMF tones to remain locked on a touch key tone causing call issues. This has been fixed and is no longer the case.			
---	DGW-3117	The SBC answers authentication challenges without any username/password information.	Sbc
For the SBC to answer to authentication challenges correctly, a rulesets needs to be used. An issue was found that when the SBC received the challenge he would answer without any information on the username and password to use. This was is conflict with the rulesets and cause the connection to fail.			

Known Issues

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