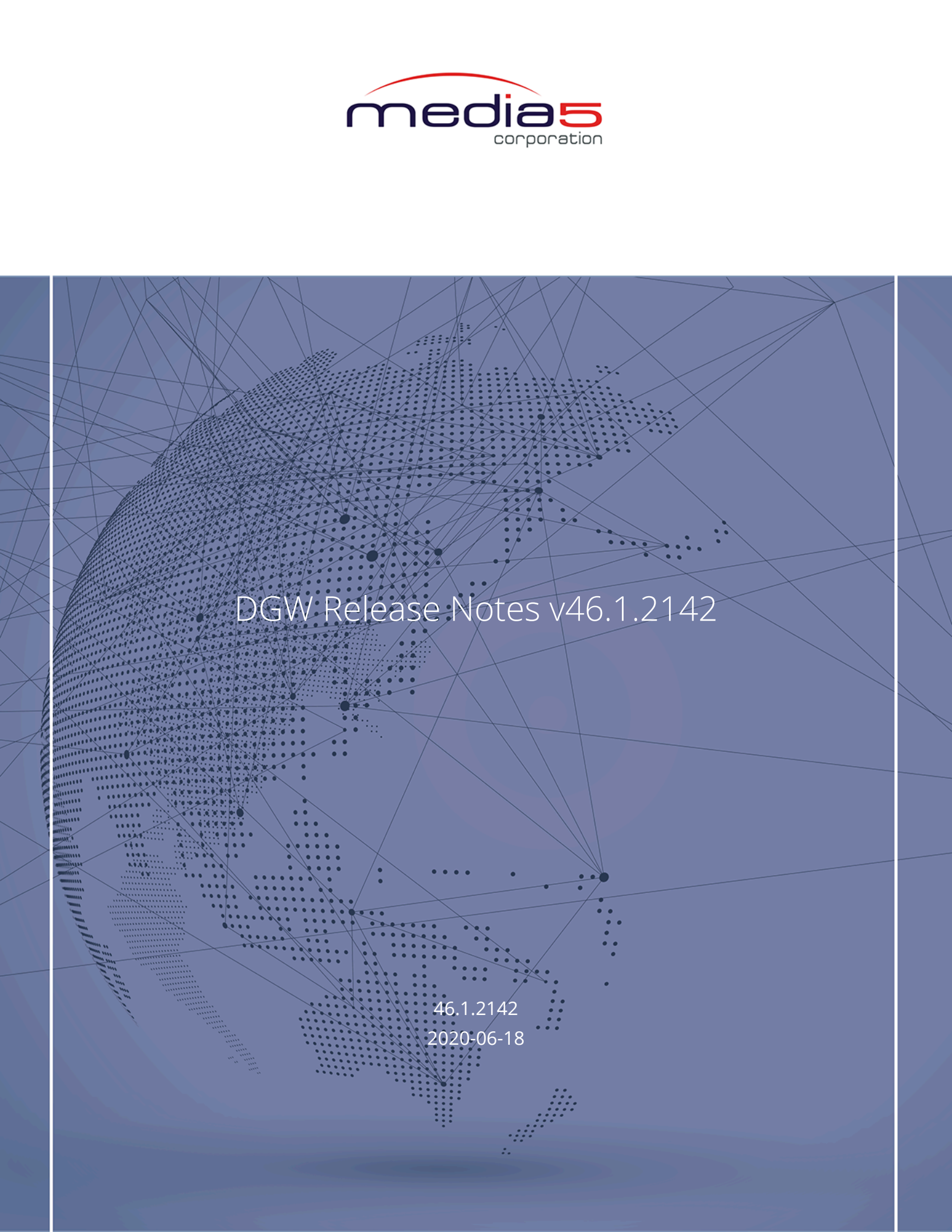


The background of the page is a dark blue gradient with a complex, abstract graphic. It features a dense network of thin, light blue lines connecting various points, creating a web-like or molecular structure. On the left side, there is a curved, grid-like pattern that resembles a stylized globe or a data visualization. The overall aesthetic is technical and modern.

DGW Release Notes v46.1.2142

46.1.2142
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New Functionalities

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-12949	The called and calling bearer channel property must be available for the R2 and E&M protocols.	R2, Eam
The called bearer channel property can now be used to set the outgoing channel for a call to R2 or E&M. The calling bearer channel can be used as an informative parameter in SIP to notify of the current incoming channel used in R2 or E&M.			
IN-14651	DGW-12899	Add the support for CNAME DNS entries.	Sbc
CNAME DNS entries are now supported.			
	DGW-12839	Update TLS Security Ciphers	all
Weak and deprecated ciphers for TLS connections were removed. Ciphers using 3DES or RC4 are not longer available. This affects all DGW services that use TLS connections, such as SIP over TLS and HTTPS.			
All the ciphers from the secure CS3 cipher group were added to the CS1 and CS2 cipher groups. This allows secure ciphers to be used by default with DGW .			
	DGW-12787	Upgrade the OpenSSL library	all
OpenSSL library was upgraded to version 1.1.1g			
	DGW-12704	Add SNMP traps for Notification messages.	all
Our MIBs have been updated to include the SNMP traps for Notification messages.			
	DGW-12703	Add new TR-069 Dns related parameters.	all

Incident #	CR #	Synopsis	Applies To
Description			
The following TR-069 groups and parameters were added: • X_0090F8_SipEp.Dns • X_0090F8_SipEp.Dns.SupportedDnsQueries • X_0090F8_SipEp.Dns.DnsFailureConcealment • X_0090F8_SipEp.Dns.DnsIpVersion • X_0090F8_SipEp.RtcpXr • X_0090F8_SipEp.RtcpXr.DefaultStaticRtcpXrCollectorUri • X_0090F8_SipEp.RtcpXr.DefaultRtcpXrPeriodicReportsInterval • X_0090F8_SipEp.Interop • X_0090F8_SipEp.Interop.InteropSend183WithSdpBefore180WithoutSdp The X_0090F8_SipEp.InteropSend183WithSdpBefore180WithoutSdp parameter has been moved to X_0090F8_SipEp.Interop.InteropSend183WithSdpBefore180WithoutSdp			
	DGW-11904	Add "Range" and "Default" parameter values in the Show help of the DGW Web page.	Web

Incident #	CR #	Synopsis	Applies To
Description			
When the "show help" option is toggled on the DGW Web page of a device, the default and range values of the parameter is now displayed, when applicable.			
Minimum Expiration Delay (s): 1800 [SipEp.DefaultSessionTimerMinimumExpirationDelay] Minimum value for the periodical session refreshes. This value is reflected in the Min-SE header. The Min-SE value is a threshold under which proxies and/or UAs on the signaling path are not allowed. Increasing the minimum helps to reduce network traffic, but also makes 'dead' calls longer to detect. This value is expressed in seconds (s). Also see the DefaultSessionTimerMaximumExpirationDelay parameter. Default value: 1800 Range: (180..86400)			

Modified Features, Functionalities, and Interface Modifications

Incident #	CR #	Synopsis	Applies To
Description			
	DGW-12839	Update TLS Security Ciphers	all
Some ciphers were removed from the CS1, CS2 and CS3 cipher groups. This affects 802.1x (EAP-TLS), Cert, Conf, Cwmp, File, Fpu, Nlm, SipEp, and Web. Secure ciphers from the secure CS3 cipher group were also added to the CS1 and CS2 cipher groups.			
	DGW-12704	Add SNMP traps for Notification messages.	all
Added the notification messages at the end of the MIB files.			
	DGW-12703	Add new TR-069 Dns related parameters.	all

Incident #	CR #	Synopsis	Applies To
Description			
The following TR-069 groups and parameters are added: • X_0090F8_SipEp.Dns • X_0090F8_SipEp.Dns.SupportedDnsQueries • X_0090F8_SipEp.Dns.DnsFailureConcealment • X_0090F8_SipEp.Dns.DnsIpVersion • X_0090F8_SipEp.RtcpXr • X_0090F8_SipEp.RtcpXr.DefaultStaticRtcpXrCollectorUri • X_0090F8_SipEp.RtcpXr.DefaultRtcpXrPeriodicReportsInterval • X_0090F8_SipEp.Interop • X_0090F8_SipEp.Interop.InteropSend183WithSdpBefore180WithoutSdp X_0090F8_SipEp.InteropSend183WithSdpBefore180WithoutSdp has been moved to X_0090F8_SipEp.Interop.InteropSend183WithSdpBefore180WithoutSdp			

Issues Fixed

Incident #	CR #	Synopsis	Applies To
Description			
IN-14562	DGW-12904	The connection to the Virtuo server is established using weak ciphers.	Ems
The connection to the Virtuo server was established using a weak cipher list because the list was based on the cipher suite 1 of the Conf.ScriptsTransferCipherSuite parameter. The cipher suite 1 of the Conf.ScriptsTransferCipherSuite parameter has been modified to also include stronger ciphers, thus adding stronger ciphers to the connection to the Virtuo server.			
IN-14639	DGW-12832	The ringback tone is not heard on the ISDN side of an ISDN to SIP call.	ISDN
If the Isdn.SignalingChannelInterop.InteropPlayLocalRingbackWhenNoMediaStream interop parameter was enabled, the ringback could not be generated if the RTP stream was not received. The ring back tone is now heard on the ISDN side of an ISDN to SIP call.			
	DGW-12713	In the DGW Web pages, when R2 timer variants are reset to their default values, an out of range error message is displayed.	all
When using the DGW Web interface, R2 timer variants can now be properly reset to their default values.			
IN-14636	DGW-12645	Need the support of <local_ip_port> macro for P-Asserted-Identity header.	all
Added the support of <local_ip_port> macro for P-Asserted-Identity header.			

Known Issues

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