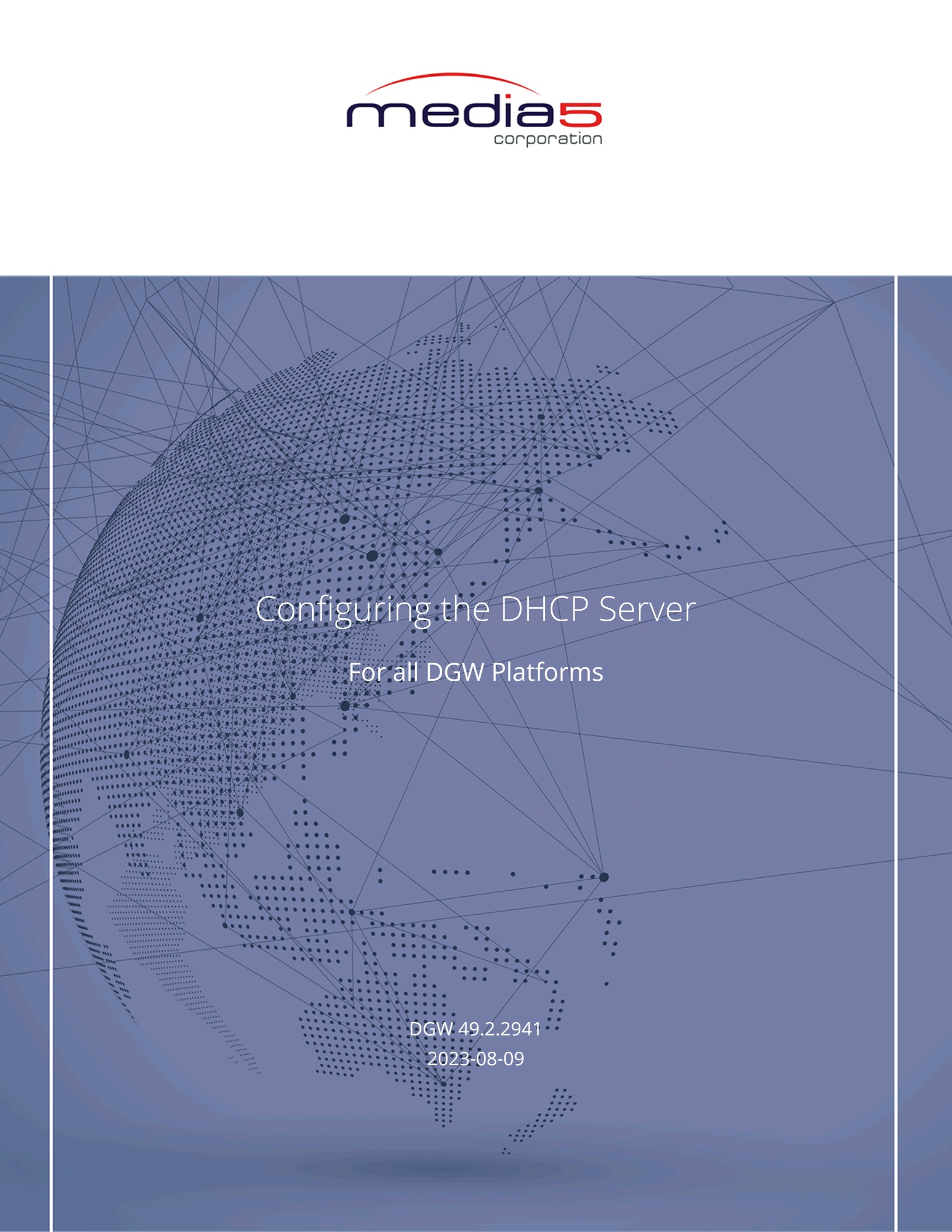




Configuring the DHCP Server

For all DGW Platforms

DGW 49.2.2941
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DHCP Service

The DHCP service allows the Mediatrix unit to act as a DHCP server. The Mediatrix will be able to allocate a range of IP addresses to use on a network, reserve, and distribute the IP addresses and network configuration parameters for specific devices using the MAC address as unique identifier for each device.

Starting the DHCP Server

Steps

- 1) Go to **System/Services**.
- 2) Look for the service: **DHCP Server**.
- 3) From the **Startup Type** selection list located next to the service, choose if you wish the service to start automatically when the system starts, or start the service manually when needed.
- 4) In the **User Service** table, click **start** .

Configuring the DHCP Server

Steps

- 1) Go to **Network/DHCP Server**.
- 2) In the **Select Subnet** drop down menu, select **Lan1**.
- 3) In the **DHCP Server Configuration** table, set the following:
 - a) Set **DHCP Server Enable** to **Enable**.
 - b) Set your desired IP range using **Start IP Address** and **End IP Address**.
 - c) Set **Automatic Configuration Interface** to either **Lan1** or **Uplink**.

Note: It will be the network interface that will provide automatic configuration for other options (DNS servers, Default Gateway, NTP servers, etc).

Note: If set to **Uplink**, the NTP/DNS and other parameters will be the ones from the Uplink interface. If set to **Lan1**, you will have the option to configure them manually.

- 4) More options are available in the **DHCP Server Configuration**.
- 5) Click **Apply**.

Result

DHCP Server Configuration			
DHCP Server Enable:	Enable ▼		
Start IP Address:	Subnet range start address		
End IP Address:	Subnet range end address		
Automatic Configuration Interface:	Uplink ▼		

Online Help

If you are not familiar with the meaning of the fields and buttons, click **Show Help**, located at the upper right corner of the Web page. When activated, the fields and buttons that offer online help will change to green and if you hover over them, the description will be displayed.

DGW Documentation

Mediatrix devices are supplied with an exhaustive set of documentation.

Mediatrix user documentation is available on the [Media5 Documentation Portal](#).

Several types of documents were created to clearly present the information you are looking for. Our documentation includes:

- **Release notes:** Generated at each GA release, this document includes the known and solved issues of the software. It also outlines the changes and the new features the release includes.
- **Configuration notes:** These documents are created to facilitate the configuration of a specific use case. They address a configuration aspect we consider that most users will need to perform. However, in some cases, a configuration note is created after receiving a question from a customer. They provide standard step-by-step procedures detailing the values of the parameters to use. They provide a means of validation and present some conceptual information. The configuration notes are specifically created to guide the user through an aspect of the configuration.
- **Technical bulletins:** These documents are created to facilitate the configuration of a specific technical action, such as performing a firmware upgrade.
- **Hardware installation guide:** They provide the detailed procedure on how to safely and adequately install the unit. It provides information on card installation, cable connections, and how to access for the first time the Management interface.
- **User guide:** The user guide explains how to customise to your needs the configuration of the unit. Although this document is task oriented, it provides conceptual information to help the user understand the purpose and impact of each task. The User Guide will provide information such as where and how TR-069 can be configured in the Management Interface, how to set firewalls, or how to use the CLI to configure parameters that are not available in the Management Interface.
- **Reference guide:** This exhaustive document has been created for advanced users. It includes a description of all the parameters used by all the services of the Mediatrix units. You will find, for example, scripts to configure a specific parameter, notification messages sent by a service, or an action description used to create Rulesets. This document includes reference information such as a dictionary, and it does not include any step-by-step procedures.

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