



TR-069 Support for the Dgw v2.0 Application

Effective **March 30, 2010**– Media5 is pleased to introduce the latest feature additions to its Mediatrix® product family, support for the **TR-069 protocol**. The TR-069 feature is an optional feature that may be added to a Mediatrix unit at purchase time.

Description

For administrators, managing a large number of units through a centralized management system has historically been very expensive because of the complexity of different components and many possible configurations of individual devices. TR-069 brings simplicity and easiness into remote unit management.

The carrier-graded standard TR-069 protocol allows the automatic configuration of a Mediatrix unit. TR-069 has been developed by the International Broadband Forum to enable various devices to contact auto-configuration servers in order to automatically obtain the latest updates and security settings. The supported data models are a subset of Internet Gateway Device (TR-098) and Device (TR-106).

With the TR-069 standard, companies using Mediatrix units will be able to optimize the configuration and standardization of all devices simultaneously. All these companies need to do is connect their units and the configuration takes place automatically, saving time and money.

The units can get in contact with an Auto Configuration Server (ACS) to initiate a configuration script transfer/execution and a firmware upgrade. The periodic informs are also supported to allow the unit to contact the ACS when behind a NAT.

Supported TR-069 Standards, Methods and Parameters

Media5's implementation of the TR-069 protocol supports the following standards:

- ☑ TR-069: CPE WAN Management Protocol v1.1 (Version: Issue 1 Amendment 2)
- ☑ TR-098: Internet Gateway Device Data Model for TR-069 (Version: Issue 1 Amendment 2)
- ☑ TR-106: Data Model Template for TR-069-Enabled Devices (Version: Issue 1 Amendment 2)

The Mediatrix unit supports the following TR-069 methods:

- ☑ GetRPCMethods
- ☑ SetParameterValues
- ☑ GetParameterValues
- ☑ GetParameterNames
- ☑ SetParameterAttributes
- ☑ GetParameterAttributes
- ☑ AddObject
- ☑ DeleteObject
- ☑ Download
- ☑ Reboot

The Mediatrix unit supports:

- ☑ the data model template for device (TR-106), and more specifically the Baseline:1 parameter of that data model.
- ☑ the data model template for internet gateway device (TR-98), and more specifically a subset of the parameters specified in the Baseline:1.

Software Load Definition

According to the Media5 development process, the Dgw 2.0 application is a GA product.

A 'General Availability' (GA) load has undergone intensive testing and validation. Most known issues identified during the testing and validation stages have been fixed, while the remaining restrictions are known and documented. The use made of Mediatrix products with a GA load must conform to product specifications and within the limits of reasonable environmental and network conditions.

Media5 shall not be liable for any loss or damage whatsoever caused directly or indirectly in connection with Mediatrix products making use of a GA firmware load, except to the extent to which it is unlawful to exclude such liability under the applicable law.

Moreover, Media5 excludes liability for any indirect, special, incidental or consequential loss or damage, which may arise in respect of Mediatrix products using a GA firmware load, or for loss of profit, business, revenue, or anticipated savings.

Mediatrix products are suited for controlled environments and networks where voice quality is in direct relation to network conditions. Network must have reasonably low delay, low packet loss rate and low network jitter. Media5 does not guarantee voice quality where network norms do not meet the conditions enumerated above, whether in public or private networks.