



M5T Releases the M5T TR-111 Part 2 Server Application

The M5T TR-111 Part 2 Server Application meets the requirements of the TR-111 technical specifications by applying TR-069 to Remote Management of Home Networking Devices

Sherbrooke, Quebec, Canada, May 09, 2007 - M5T, the leading provider of software solutions for secure real-time multimedia communications over IP, announced today the release of the M5T TR-111 Part 2 Server Application, a powerful new solution for remote management of customer premise equipment (CPE) devices behind a NAT.

The Importance of a TR-111 compliant STUN server.

The CPE WAN management protocol defined in TR-069 (by the DSL Forum) is used to remotely manage CPEs that are connected via a LAN through a gateway. When an auto-configuration server (ACS) manages a CPE connected via a NAT gateway, the TR-069 is not a viable solution and must be deployed in combination with a TR-111 compliant STUN server.

The M5T TR-111 server works as both an HTTP server and a STUN server. All CPEs will send STUN Binding Requests to the TR-111 server at a specific pace to serve as a keep alive for the NAT binding. The ACS will then send an HTTP get request to the M5T TR-111 part 2 server over HTTP containing a Connection Request whenever it needs to establish a connection with a CPE. The M5T TR-111 part 2 server will then send the Connection Request on its STUN processing UDP socket to the specific CPE. Upon reception of the Connection Request, the CPE will initiate a connection to the ACS. Using this mechanism, the ACS will effectively be able to contact the CPE via the M5T TR-111 part 2 server.

Any CPE that wants to receive connection requests must maintain a STUN binding with the TR-111 server. This is done by having the CPE send STUN binding requests to the TR-111 server that are processed and responded to. The CPE must do this to maintain an entry point through the NAT for the TR-111 server to communicate with it. Without the STUN binding, no messages would get to the CPE.

"M5T's goal with solutions such as the TR-111 Part 2 Server Application is to help our telecom clients provide the latest and best new services to their customers," said Samuel Gu enette, General Manager of M5T. "With M5T's experience in the STUN Protocol architecture, NAT-FW traversal mechanisms and IP technology deployment, we extend our core expertise to help developer's cut time to market with innovative new products."

About M5T

M5T is a leading software provider delivering the latest in software technologies and security solutions to equipment vendors and chipset manufacturers developing applications for real-time multimedia communications over IP. The company develops middleware components based on a common framework layer, which forms the foundation for developing modular solutions. M5T is a wholly owned entity of Media5 Corporation. Media5 Corporation is a high technology holding company based in Sherbrooke, Quebec, Canada. For more information please visit www.m5t.com.

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