

TR-069 Settings on the SPA100 Series

Objective

Technical Report 069 (TR-069) allows you to establish an Auto-Configuration Server (ACS). Internet Service Providers (ISP) use an ACS to automatically configure your devices remotely. The feature allows the service providers and users to remotely configure the device without user intervention. Through the use of TR-069 the terminals can get in contact with the Auto Configuration Servers and establishes a connection. This article explains how to configure the TR-069 settings on the SPA100 Series Analog Telephone Adapter (ATA).

Applicable Devices

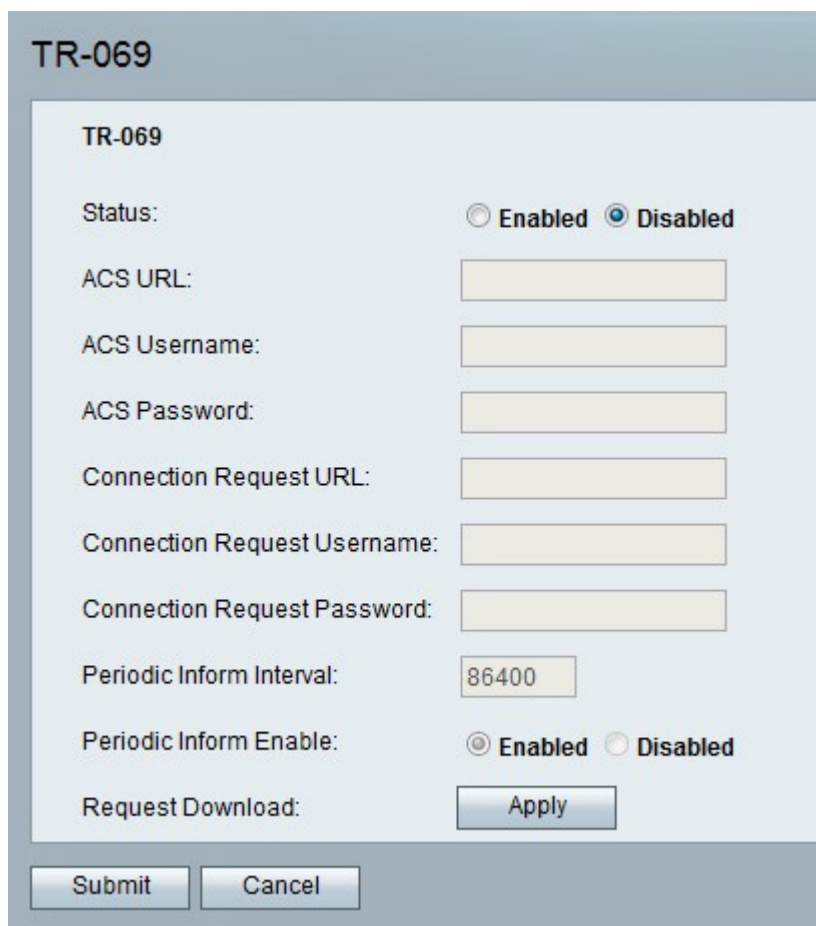
- SPA100 Series

Software Version

- v1.1.0

TR-069 Configuration

Step 1. Log in to the web configuration utility and choose **Administration > Management > TR-069**. The *TR-069* page opens:



The screenshot shows the TR-069 configuration interface. It includes the following fields and controls:

- TR-069** (Section Header)
- Status:** Radio buttons for Enabled and Disabled
- ACS URL:** Text input field
- ACS Username:** Text input field
- ACS Password:** Text input field
- Connection Request URL:** Text input field
- Connection Request Username:** Text input field
- Connection Request Password:** Text input field
- Periodic Inform Interval:** Text input field containing the value 86400
- Periodic Inform Enable:** Radio buttons for Enabled and Disabled
- Request Download:** Button labeled **Apply**
- Submit** and **Cancel** buttons at the bottom

TR-069

Status: Enabled Disabled

ACS URL:

ACS Username:

ACS Password:

Connection Request Port:

Connection Request Username:

Connection Request Password:

Periodic Inform Interval:

Periodic Inform Enable: Enabled Disabled

Request Download:

Step 2. Click the **Enabled** radio button to enable TR-069 on the device in the Status field.

Step 3. In the ACS URL field, enter the ACS URL provided by the ISP in the format of *protocol://host:port/path*.

- Protocol — This is either http or https. Enter either http or https in the ACS URL field that is provided by your ISP.
- Host — This is a Fully Qualified Domain Name (FQDN) or IP address such as www.example.com.
- Port — This is optional and given by the ISP.
- Path — This is given by the ISP.

Step 4. In the ACS Username field, enter the ACS username provided by the ISP.

Step 5. In the ACS Password field, enter the password associated with the username.

Note: The configuration utility automatically enters information in the Connection Request URL field so there is no need to enter it manually.

Step 6. Enter the connection request username for the ACS to initiate the connection in the Connection Request Username field. This acts as the username for the ACS when a connection is initiated and the user is asked for security credentials.

Step 7. Enter the connection request password for the ACS in the Connection Request Password field. This acts as the password for the ACS when a connection is initiated and the user is asked for security credentials.

Step 8. In the Periodic Inform Interval field, enter the time in seconds between when the ATA reconnects to ACS.

Step 9. Click the **Enabled** radio button in the Periodic Inform Enable field to enable Periodic Inform so it informs the user periodically about the connection setup, or click the **Disabled**

radio button to disable it.

Step 10. (Optional) Click the **Apply** button in the Request Download field to have the ATA request the ACS for the download RPC.

Step 11. Click **Submit** to apply changes or **Cancel** to discard them.