

AMI2KEYM Manual

Scott Griepentrog, scott@griepentrog.com

Overview

This tool monitors an Asterisk server through AMI, and feeds details about completed calls that match certain destinations to the Keymetrics API through SOAP. It contains these components:

1. Status monitoring page with buttons to start and stop the daemon
2. Configuration page with API settings
3. List of phone numbers to match against
4. Daemon process that runs in the background, monitoring Asterisk and sending data to the SOAP interface.

Installation

This package can be installed on an Apache web server running Linux and PHP 5.3 or later. The preferred method of installing is using GIT, however a tar ball can be obtained instead of needed.

```
# cd /var/www/html
# git clone http://github.com/stgnet/ami2keym
# cd ami2keym
# git clone http://github.com/stgnet/poof
```

The project can now be accessed on the server under the path /ami2keym

Configuration

Navigate to the Config tab to modify the API settings. For the AMI configuration, the server must be the domain name or the IP address to the server. If the server is not located on a public IP address, the public IP address of a NAT router that will port forward to the AMI interface port on the Asterisk server must be used. The username and password must match those configured into the Asterisk server for the management interface.

The Keymetric configuration requires a URL path to a WSDL (supplied by Keymetric), and a Customer ID, User name and password for validation. The Vendor ID is a value also supplied by Keymetric. If the WSDL field is empty (blank), the SOAP transfer is omitted, but the rest of the processing can be tested. The data that would have been sent to Keymetric via SOAP will be displayed on the Status page.

Configuration

ami2keym.stg.net/mc

AMI2KEYM

Status Config Numbers

AMI Configuration

Server: asterisk.company.com

Username: user

Password: [masked]

SAVE

Keymetric Configuration

WSDL: [empty]

Customer ID: customer

User ID: user

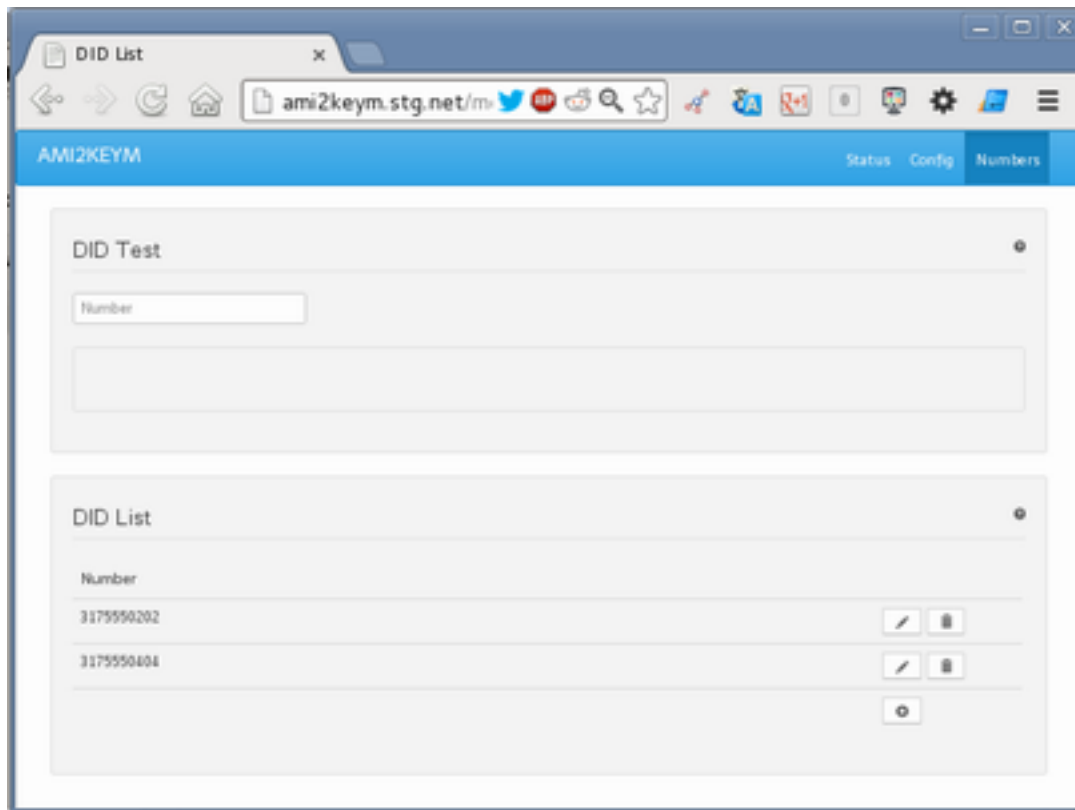
Password: [masked]

Vendor: vendor

SAVE

Numbers

Only calls destined to specific phone numbers (referred to as DID for inbound calls) are to be delivered to Keymetric. The Numbers tab provides the ability to add, change, and remove phone numbers to the list. It also allows testing of the algorithm that matches phone numbers. The test number must be equal to or longer than the number to match, with the extra digits ignored at the beginning of the number, not at the end.



Usage

To start the transfer daemon, navigate to the Status page and press the START button. The status will show the daemon as running, or display an error if the connection to AMI was not successful. Once started, the Activity section will show all active calls on the Asterisk server, and whether or not they will match a number listed to enable transfer to Keymetric. Responses from the Keymetric SOAP transfer will show below the status message.