SpyGroup application documentation

1. Description

  SpyGroup application runs in Asterisk and MySQL environment and used for spying on predefined groups of VoIP users. The spying operation is protected by unique password that used to select which group will be spyed on. All the data (group numbers, extensions list, passwords) are stored in MySQL database. The **setspygroupd** daemon checks all active calls for database extension match, if exact match found - the extension will be added to predefined group number.

2. Installation

The prerequisities for running **SpyGroup** application are :

  – Asterisk (version >= 1.4)
  – MySQL (version >= 3.x.x)
  – MySQL++ (http://tangentsoft.net/mysql++/)
  – astxx-0.6 (http://matt-land.com/astxx/)

Installation process steps :

  – untar the spygroup-1.x.tar.gz file
  – issue 'cd spygroup-1.x'
  – issue 'make; make install'
  – add the 'ami7' user with 'ami7_pass' password to manager.conf with read channel data and set channel variable permissions
  – launch the setspygroupd daemon

Add to /etc/asterisk/extension.conf file extension that will be used for access the spy feature, for example :

exten => 12345,1,AGI(spygroup.agi)
exten => 12345,2,Hangup

3. Using

  Fill the database with apropriate information and simply dial the spy number. For example, if you have 3 extensions (**3001, 3002, 3010**) and want to add them to the group number **'1'** with **'1234'** access password you need to :

  – ssh to box
  – issue 'mysql ast', you will get the mysql command line tool '>' prompt
  – add extensions to group number **'1'**, issue :
    – *insert into spygroups (id, `extension`) values (1, "3001");*
    – *insert into spygroups (id, `extension`) values (1, "3002");*
    – *insert into spygroups (id, `extension`) values (1, "3010");*
  – add group password :
    – *insert into group_pass (id, `pass`) values (1, "1234");*
  – issue 'exit' to terminate the mysql command line tool
  – issue 'exit' to terminate the ssh session

  After you have been dialed the **SpyGroup** extension (**12345** in our example) you will be asked for password, if password is correct you will hear the 'beep'. If some of the group extensions are active you will hear the 'sip' and extension number message and spying will start. You may use '*' phone button to cycle through spyed extensions or dial 'XXXX#' to spy on exact one.
  SpyGroup daemon logs group assignments to */var/log/asterisk/spygroupd.log* file.

4. Notes

  Until **setspygroupd** have not been launched — no group assignment will be made. This means that **all** calls already established **before** the **setspygroupd** daemon launch **can't be** spied. You need to restart the asterisk or hangup and redial all the calls that was established **before** the **setspygroupd** launch to have the

ability for spying on **all** calls.

5. *Credits*

Thanks for Daniel S. Gurrola II and AGR Group, Inc. for this application sponsorship.

6. *Support*

Commercial support is available for this application, for more information please contact by Email:

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