Changing Linux Agent Configuration

The Linux Agent installer automatically sets default parameters for the configuration file located in:

```
/usr/sbin/r1soft/conf/agent_config
```

After making changes to this file you need to restart the Agent daemon. To restart the Agent use:

```
# /etc/init.d/cdp-agent restart
```

Agent Configuration Options

Option Name	Default Value	Description
ConfDir	/usr/sbin/r1soft/conf	Configuration directory path.
LogDir		Directory where the Agent saves its log files.
BindTo	0.0.0.0 all IPs	CDP Agent will listen for requests on this IP. Default is 0.0.0.0, meaning the Agent accepts connections on any IP address configured on your Linux Server.
LocalPort	1167	TCP port the CDP Agent will listen on.
PidFile	/var/run/buagent.pid	File to which CDP Agent will write its process identifier for /etc/init.d/cdp-agent to shut it down.
LockFile	/var/run/buagent.lock	CDP Agent lock file. Prevents multiple Agents from starting at the same time.

IPAuthentication	0	If set to 1, the Agent looks for a file in the server.allow directory matching the IP address of an incoming connection before performing RSA Key authentication. The new default as of Linux Agent 1.56 is "No." This means the Agent will only perform RSA Key authentication and will not check the source IP address of the connecting CDP Server. Recommended Setting: RSA Key authentication is VERY strong and is just like using SSH with RSA or DSA key authentication (authentication without a password). For added security, you can have the Agent check that the source IP address of the connecting CDP Server attempting to authenticate is a configured IP address in the /etc/buagent/server.allow directory which contains CDP server RSA public keys named with the source IP address of the CDP Server.

Run the following command to list all configuration options:

```
#cat /usr/sbin/r1soft/conf/agent_config
```

or

```
#less /usr/sbin/r1soft/conf/agent_config
```

```
1  ##############################################################################
2  #                                                                            #
3  # Copyright (c) 2005 by Righteous Software All rights reserved               #
4  #                                                                            #
5  ##############################################################################
6
7  # configuration directory path
8  ConfDir=/usr/sbin/r1soft/conf
9
10 # local address agent will listen for requests form backup servers on
11 # must be in the form xxx.xxx.xxx.xxx (default: 0.0.0.0)
12 # BindTo=127.0.0.1
13 BindTo=0.0.0.0
14
15 # port agent will listen on (default: 1167)
16 LocalPort=1167
17
18 # file where agent will write its pid (default: /var/run/buagent.pid)
19 PidFile=/var/run/cdp.pid
20
21 # agent lock file (default: /var/lock/buagent.lock)
22 LockFile=/var/run/cdp.lock
23
24 # Check the filename in user.allow to make sure it matches IP
25 IPAuthentication=0
26
27 # The logging directory
28 LogDir=/usr/sbin/r1soft/log
29
30
```