

ELTMaestro Agent Installation on Linux (CentOS and Redhat)



Version 10.0.3

IQ Associates Inc.

Introduction

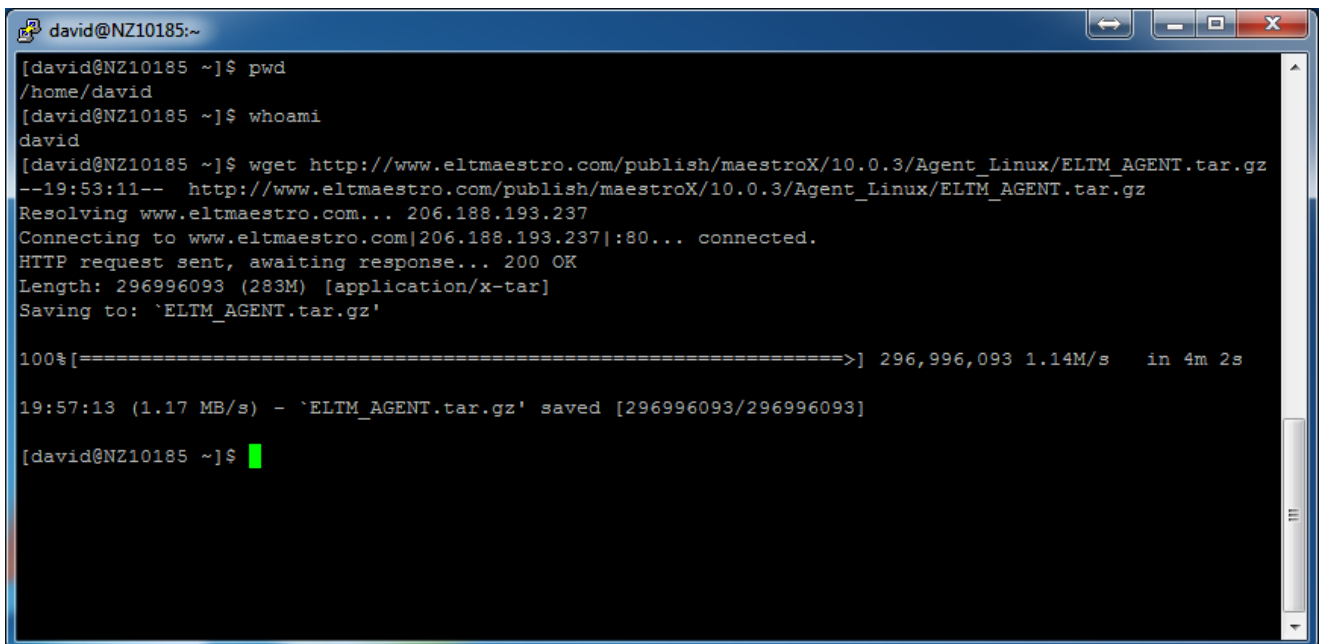
ELTMaestro agents are intended to be installed on servers that are physically closer to enterprise database systems. In another words on the same datacenter network where the source systems are located. Refer to ELTMaestro Agent Architecture document for more information.

Requirements:

- bzip2 must be installed.
- ELTMaestro agent user must be created. Refer to Initial Configuration Guide for creating agent users.

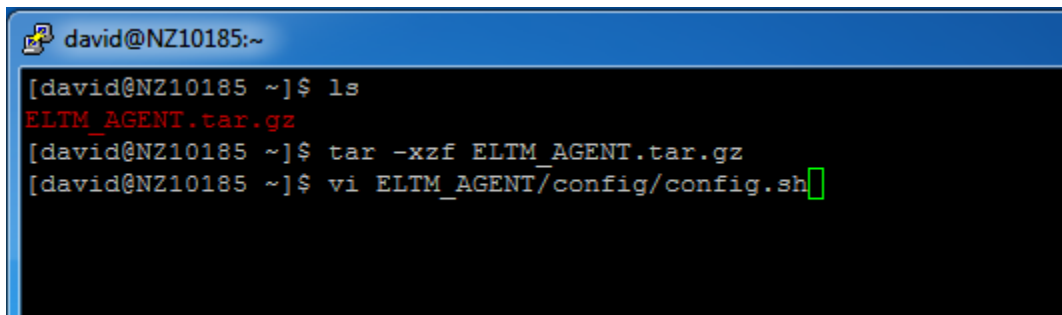
Installation Steps

- Obtain a copy of ELTMaestro Agent for Linux and copy ELTM_AGENT.tar.gz into home directory of one of the linux users. This document uses linux account [david] to illustrate installation procedures. You may optionally use wget command to obtain ELTM_AGENT.tar.gz file directly from website as well from link mentioned below. http://www.eltmaestro.com/publish/maestroX/10.0.3/Agent_Linux/ELTM_AGENT.tar.gz



```
david@NZ10185:~  
[david@NZ10185 ~]$ pwd  
/home/david  
[david@NZ10185 ~]$ whoami  
david  
[david@NZ10185 ~]$ wget http://www.eltmaestro.com/publish/maestroX/10.0.3/Agent_Linux/ELTM_AGENT.tar.gz  
--19:53:11-- http://www.eltmaestro.com/publish/maestroX/10.0.3/Agent_Linux/ELTM_AGENT.tar.gz  
Resolving www.eltmaestro.com... 206.188.193.237  
Connecting to www.eltmaestro.com|206.188.193.237|:80... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 296996093 (283M) [application/x-tar]  
Saving to: `ELTM_AGENT.tar.gz'  
  
100%[=====>] 296,996,093 1.14M/s in 4m 2s  
  
19:57:13 (1.17 MB/s) - `ELTM_AGENT.tar.gz' saved [296996093/296996093]  
  
[david@NZ10185 ~]$
```

- Run Command: `tar -xzf ELTM_AGENT.tar.gz`
- Run Command: `vi ELTM_AGENT/config/config.sh`



```
david@NZ10185:~  
[david@NZ10185 ~]$ ls  
ELTM_AGENT.tar.gz  
[david@NZ10185 ~]$ tar -xzf ELTM_AGENT.tar.gz  
[david@NZ10185 ~]$ vi ELTM_AGENT/config/config.sh
```

- On Vi editor modify appropriate values for Host, Port, User and Password variables. Refer to ELTMaestro User Guide for information on creating login accounts for agents.
- Then Save and Exit Vi Editor

```

david@NZ10185:~
#!/bin/bash
export MAESTRO_HOST="ec2-52-90-52-19.compute-1.amazonaws.com"
export MAESTRO_SSL_PORT="8181"
export MAESTRO_AGENT_USER="agent_user"
export MAESTRO_AGENT_PASSWORD="agentpassw0rd123"

```

- Run Command: `cd ELTM_AGENT`
 - Run Command: `./start.sh`
- If start.sh is not executable file ensure its permissions are set to executable.(chmod u+x).

```

david@NZ10185:~/ELTM_AGENT
[david@NZ10185 ~]$ cd ELTM_AGENT
[david@NZ10185 ELTM_AGENT]$ ./start.sh
Starting...
Starting ELTMaestro Linux Agent
Sleep..... 1 of 10
Sleep..... 2 of 10
Sleep..... 3 of 10
Sleep..... 4 of 10
Sleep..... 5 of 10
Sleep..... 6 of 10
Sleep..... 7 of 10
Sleep..... 8 of 10
Sleep..... 9 of 10
Sleep..... 10 of 10
----- Logfile contents -----
Current IP address : 192.168.1.49
Current MAC address : 2016-07-25 20:06:39 INFO: SERVICE: Using Agent ID: NZ10185_00-15-17-F2-D1-05
2016-07-25 20:06:39 INFO: SERVICE: -----
2016-07-25 20:06:39 INFO: SERVICE: AGENT ID IS: NZ10185_00-15-17-F2-D1-05
2016-07-25 20:06:39 INFO: SERVICE: -----
2016-07-25 20:06:39 INFO: SERVICE: Starting Maestro Data Node Agent...Version 10.0.3.R1
2016-07-25 20:06:39 INFO: SERVICE: SSL Enforced = TRUE
-----
Logfile: log/agent.log
[david@NZ10185 ELTM_AGENT]$

```

Check logfile to ensure service started..

```

david@NZ10185:~/ELTM_AGENT
[david@NZ10185 ELTM_AGENT]$ tail log/agent.log
2016-07-25 20:07:13 INFO: SERVICE: Registering agent...
2016-07-25 20:07:13 INFO: SERVICE: New agent registered..NZ10185_00-15-17-F2-D1-05
2016-07-25 20:07:13 INFO: ConnectionManager: Added Driver Property..
2016-07-25 20:07:13 INFO: ConnectionManager: Initializing Connections
2016-07-25 20:07:14 INFO: ConnectionManager: Added Connection: NETEZZA@IQA
2016-07-25 20:07:14 INFO: ConnectionManager: Added Connection: RS_CONNECTION_HELLO_DB
2016-07-25 20:07:14 INFO: ConnectionManager: Added Connection: RS_CONNECTION_IQADW1
2016-07-25 20:07:14 INFO: SERVICE: Starting Listener Service...
2016-07-25 20:07:14 INFO: ConnectionTracker: Started. Poll Interval = 30 Seconds.
2016-07-25 20:07:14 INFO: SERVICE: Listener Service Started...Interval = 4 Seconds
[david@NZ10185 ELTM_AGENT]$

```

Updates/Upgrades

To update or upgrade ELTMaestro Agent. Replace MaestroAgent.jar and restart application (stop.sh and start.sh).

Stopping and Starting Agents

To Start Run ./start.sh

To Stop Run ./stop.sh

Remember to check log file after executing stop/start commands

Support:

www.eltmaestro.com/support