

# Athena Progress – October 27, 2015 – 11:30am

## Minutes:

- 1) No meeting – continuing integration

## Achievements:

- 1) TestEngineLoop – hibernate/bootdelay/beacon/change notification/uninstall
- 2) TestEngineExport – failing with 700 – change path to %TEMP% – no win10 priv. escalation
- 3) Added signing to tasker and parser COMM – Athena\_Crypto\_Comm
- 4) Persistence – Win7 / XP testing
  - a. Dnscache =XP
    - i. copy dnssrslvr.dll and our host dnsapi.dll into system32\shellext\\*
  - b. Dnscache >Vista
    - i. Copy dnsclext.dll to system32\codeintegrity\dns.cache
  - c. Dnscache – Runtime Procedure
    - i. stage1 – stop dnscache
    - ii. stage1 – create new netsvc2 host (run as LocalSystem)
    - iii. stage1 – start dnscache
    - iv. stage2 – insert dnscache into netsvc for next reboot
- 5) memunload – return address (account for nickname)
- 6) completed command feature – demo

## Tasks under development:

- 1) Testing command integration with engine – XXXXX & XXXXX
- 2) setup Squid/help on proxy settings – XXXXX
- 3) offline lin/win installers – XXXXX
- 4) install & uninstall for XP / win7 – XXXXX
- 5) bamboo & dart configuration – XXXXX
- 6) Review Requirements
- 7) Dart Testing – XXXXX or XXXXX

## Issues:

- 1) Should we include offset when retrieving a file(currently this is not a requirement)?
- 2) When enumerating through the DNS list(currently common separated), the specific entries are hierarchical should this be changed to RANDOM?
- 3) Currently, if the beacon fails, the code will attempt to retrieve the proxy settings and store any retrieved proxy in dynamic storage. Future beacon will use the cache to attempt to beacon first. The act of querying the proxy may be “noisy”. Should we include an “ALLOW PROXY” build setting?