From: Roger [mailto:roger.oliva@ieee.org]
Sent: Tuesday, June 13, 2017 10:50 PM
To: Friedman, Allan <AFriedman@ntia.doc.gov>
Subject: FW: Request for Comments on Botnets and Automated Distributed Attacks

 Sir, electronics technology "is" rocket science. Modern rockets employ electronic circuitry to enable stability and control. Likewise, I wish to offer perspective in protecting IT infrastructure from automated threats (artificial intelligence) and, in particular, protecting the electric grid.

Options to consider in mitigating automated threats:

   1 - move to a trusted internet that is USG subsidized and regulated to eliminate threats through technical solutions and law enforcement
   2 - seed the web with enough trusted routers/servers that discriminate unwanted botnet behavior from acceptable internet processes and disable the botnets
   3 - eliminate backdoor technologies and enable users to mitigate threats individually and by consortium
   4 - enable US industry to compete with chip technologists, globally, by subsidizing organic manufacturing and product delivery

Thanks for addressing this difficult topic, Roger

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