February 11, 2016

Acumen Security

Whom It May Concern:

Acumen Security verified that the following product faithfully embeds a FIPS 140-2 validated cryptographic module,

• UCS Manager running NX-OS version: 3.1(1e)

The software is known to operate on the following platforms

- Cisco UCS M-Series Modular Servers
- Cisco UCS B-Series Blade Servers
- Cisco UCS C-Series Rack Servers

During the course of the review, Acumen Security confirmed that the following FIPS 140-2 cryptographic module is incorporated into the product,

Cisco FIPS Object Module (FOM) version 4.1 – Cert. #2100

As part of this review, the software was tested on the following platforms:

- Cisco UCS 6300 Series Fabric Interconnects
- Cisco UCS 6200 Series Fabric Interconnects

Acumen Security confirmed that the following features leverage the embedded cryptographic module to provide cryptographic services for *TLS*, *SNMPv3* and *SSH*:

- 1. Session establishment supporting each service,
- 2. All underlying cryptographic algorithms supporting each services' key derivation functions,
- 3. Hashing for each service.
- 4. Symmetric encryption for each service

Additionally, Acumen Security confirmed that the above referenced cryptographic module is initialized in a manner consistent with the instructions provided in the non-proprietary Security Policy.

Details of the verification may be obtained from Cisco Systems, Inc. at the request of interested parties. This letter represents the independent opinions of Acumen Security and does not imply endorsement of the product by the CMVP or any other parties.

Sincerely,

Ashit Vora Laboratory Director