**1. RECOMMENDED ACTION: EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

|  |  |  |  |
| --- | --- | --- | --- |
| x | Accept as requested |  | Change to Existing Practice |
|  | Accept as modified below |  | Status Quo |
|  | Decline |  |  |

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Per Request:** | | **Per Recommendation:** | |
|  | Initiation |  | Initiation |
| x | Modification | x | Modification |
|  | Interpretation |  | Interpretation |
|  | Withdrawal |  | Withdrawal |
|  |  |  |  |
|  | Principle |  | Principle |
|  | Definition |  | Definition |
|  | Business Practice Standard |  | Business Practice Standard |
| X | Document | X | Document |
|  | Data Element |  | Data Element |
|  | Code Value |  | Code Value |
|  | X12 Implementation Guide |  | X12 Implementation Guide |
|  | Business Process Documentation |  | Business Process Documentation |

**3. RECOMMENDATION**

**SUMMARY:**

Sandia National Labs Surety Assessment recommended guidelines for the NAESB WEQ OASIS, Public Key Infrastructure, and Authorized Certificate Authority standards to enhance the security associated with HTTP communications for both PKI and OASIS systems. While these standards were addressed, the e-Tag specification also contained requirements related to communication protocols. The subcommittee reviewed the specification and incorporated conforming changes to its security requirements.

**Recommended Standards:**

Attachment 1 – Proposed modifications to e-Tag Functional Specification: <https://www.naesb.org/member_login_check.asp?doc=weq_r19015_rec_attach1.doc>

Attachment 2 – Proposed modifications to e-Tag Schema: <https://www.naesb.org/member_login_check.asp?doc=weq_r19015_rec_attach2.docx>

**4. SUPPORTING DOCUMENTATION**

1. **Description of Request:**

Remove references to SSL and http throughout the e-Tag Specification 1.8.3 to adopt recommendations for enhanced security as outlined in the Sandia National Labs Report.

1. **Description of Recommendation:**

The recommendation removed references to SSL, added language to incorporate TLS 1.2, and strengthened references to ensure https is used when applying the HTTP protocols in the specification.

1. **Business Purpose:**

Improved security of the e-Tag specification

1. **Commentary/Rationale of Subcommittee(s)/Task Force(s):**

The subcommittee noted that additional standards modifications will be needed to reference e-Tag 1.8.4 throughout the other NAESB standards should the functional specification be adopted by the Executive Committee.

Additional commentary can be found in the meeting minutes from the January 8, 2020 meeting.