USGv6 Test Selection Tables

**IPsec OSPF for IPv6**

**I9-Interoperability:** Routing Protocol R1v1.1

**Applicable Profile:** NIST SP 500-267B Revision 1 USGv6 Profile – November 2020.

**Test Specification Id:**

- [OSPFv3-Interoperability] OSPFv3 Interoperability Test Plan, [editor: UNH InterOperability Laboratory](https://unh-interop.org).

**Interoperability Partner Requirements:**

- Any host or router claiming compliance with the USGv6 profile MUST demonstrate evidence of interoperability with one or more independent implementations of IPv6. Routers must demonstrate evidence of interoperability with at least one independent implementation of OSPF-IPsec in order to claim support for this capability.
- Target nodes must not change once testing has begun.

**Interoperability Partners:**

- DUT = TR1 for all tests.
- TAR-Router1 = Independent Implementation Device B
- TAR-Router2 = Independent Implementation Device C
- H1 and H2 = Any devices which can execute ping6 function

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<tr>
<td><strong>Reference</strong></td>
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<td>RFC 5340</td>
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References:


The objective of this test selection sheet is to provide a reference for available test specifications that identifies tests applicable to the USGv6 Profile.