USGv6 Test Selection Tables

Authentication Trailer OSPF for IPv6

I9-Interoperability: Routing Protocol R1v1.2

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].

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. Three implementations are recommended to be used when support for RFC 7166 is more widely adopted.
- 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
- TAR-Router3 = Independent Implementation Device D
- H1 and H2 = Any devices which can execute ping6 function

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<th>Test Number</th>
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<td>OSPFv3-Interoperability</td>
<td>OSPFv3.IO.6.1 Authentication Trailer with HMAC-SHA-256 (A)</td>
<td>Router</td>
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<td>RFC 7166</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.