



IPV6 READY INTEROPERABILITY CORE PROTOCOLS TEST REPORT

N/A

N/A

N/A

DEVICE AND TEST PLAN INFORMATION

Device Under Test (DUT)	Ubuntu
Test Specification/Suite	IPv6 Ready Interoperability Core Protocols, Version 5.0.5, January 2022
Result ID (USGv6 - 2008)	0
Result ID (IPv6 Ready Logo / USGv6r1)	0

This testing pertains to a set of standard requirements, put forth in RFC(s) 4862, 2474, 3168, 4443, 4291, 8200, 4861, 8201, 5095, 4191, 6980, 7217, and 8106. This report is in accordance with the USGv6 Revision 1 Test Program and IPv6 Ready Logo. Note, please refer to the result ID for the corresponding version of the test specification. A Result ID of 0 indicates Not Applicable.

CONTACT INFORMATION

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SUMMARY OF RESULTS

The following table contains a summary of results other than PASS. The definition of result types can be found in the [Result Key](#).

TEST NUMBER & LABEL	RESULTS		
	IPv6 Ready Logo	USGv6 Core	USGv6 SLAAC
No non-passing results were uncovered during testing.			

TESTING NOTES

NOTES
No unusual device activity was observed during this testing.



REVISION HISTORY

The following table contains a revision history for this report.

REVISION	DATE	AUTHOR	EXPLANATION
1.0	08/22/2022	Michayla Newcombe	Initial Report.

DEVICE UNDER TEST AND INITIALIZATION INFORMATION

The following table contains the state of the DUT during testing.

COMPONENT	DESCRIPTION
Product Name	Ubuntu
Product Description	Ubuntu OS
UNH-IOL Product ID	29196
Product Version	20.04 (Kernal:5.8.0-59-generic, NetworkManager:1.22.10, systemd:245.4-4ubuntu3.15)
Product Category	Host
Host MAC Address - Net 0	00:50:56:B1:A3:86



TEST TOOL AND ENVIRONMENT INFORMATION

The following table contains the test tool and test suite versions used during testing.

TOOL	Version
IOL INTACT [®] Version	3.3.1.1
Test Script Version	5-0-5_02
Test Specification	Core IPv6 Interoperability - Host
Test Specification ID	Core-Interoperability
Test Selection Table Version	Core_R1v1.3_I,SLAAC_R1v1.3_I



TESTBED DEVICES

The following tables contain devices from the UNH-IOL testbed used during testing.

TESTBED DEVICE	
Product Name	Red Hat Enterprise Linux
Product Description	Operating System
Software Version	8.4 (Kernel 4.18.0-305.7.1.el8_4.x86_64, NetworkManager 1.30.0-9.el8_4)
Product Category	Host
MAC Address	00:50:56:B1:0C:55

TESTBED DEVICE	
Product Name	Arista 7280R2
Product Description	Router
Software Version	4.27.4M
Product Category	Router
Int1: MAC Address	74:83:EF:2E:37:37
Int2: MAC Address	74:83:EF:2E:37:37

TESTBED DEVICE	
REF HOST MAC Address	00:50:56:b1:86:88

TESTBED DEVICE	
REF Router2 Int1: MAC Address	74:8E:F8:34:62:90
REF Router2 Int2: MAC Address	74:8E:F8:34:62:90



TESTBED DEVICE	
REF Router3 Int1: MAC Address	CC:4E:24:6F:11:00
REF Router3 Int2: MAC Address	CC:4E:24:6F:11:00



RESULTS

The following table contains all results from testing.

TEST NUMBER & LABEL	RESULTS		
	IPv6 Ready Logo	USGv6 Core	USGv6 SLAAC
IP6Interop_1_1a	PASS	PASS	N/A
IP6Interop_1_1b	PASS	PASS	N/A
IP6Interop_1_1c	PASS	N/A	N/A
IP6Interop_1_1d	PASS	PASS	N/A
IP6Interop_1_1e	PASS	PASS	N/A
IP6Interop_1_1f	PASS	N/A	N/A
IP6Interop_1_2a	PASS	N/A	PASS
IP6Interop_1_2b	PASS	N/A	PASS
IP6Interop_1_2c	PASS	N/A	PASS
IP6Interop_1_2d	PASS	N/A	PASS
IP6Interop_1_3a	PASS	N/A	PASS
IP6Interop_1_3b	PASS	N/A	PASS
IP6Interop_1_3c	PASS	N/A	PASS
IP6Interop_1_4a	PASS	PASS	N/A
IP6Interop_1_4b	PASS	PASS	N/A
IP6Interop_1_5	PASS	PASS	N/A
IP6Interop_1_6a	PASS	PASS	N/A
IP6Interop_1_6c	PASS	PASS	N/A
IP6Interop_1_6d	PASS	PASS	N/A
IP6Interop_1_7a	PASS	PASS	N/A
IP6Interop_1_7b	PASS	PASS	N/A



IP6Interop_1_7c	PASS	PASS	N/A
IP6Interop_1_7d	PASS	PASS	N/A
IP6Interop_1_8a	PASS	N/A	N/A
IP6Interop_1_8b	PASS	N/A	N/A
IP6Interop_1_8c	PASS	N/A	N/A
IP6Interop_1_8d	PASS	N/A	N/A
IP6Interop_1_8e	PASS	N/A	N/A
IP6Interop_1_9a	PASS	N/A	PASS
IP6Interop_1_9b	PASS	N/A	PASS
IP6Interop_1_9c	PASS	N/A	PASS
IP6Interop_1_9d	PASS	N/A	PASS



APPENDICES

APPENDIX 1: RESULT KEY

The following table contains possible results and their meanings.

RESULT	MEANING	INTERPRETATION
PASS	Pass	The Device Under Test (DUT) was observed to exhibit conformant behavior.
N/A	Not Applicable	This test does not apply to the device type or is not applicable to the testing program selected.