

## CORE INTEROPERABILITY TEST REPORT

### DEVICE UNDER TEST AND TESTPLAN INFORMATION

DEVICE A	
Vendor Name	Canonical Inc.
Product Name	Ubuntu
Software Version	24.04.1
Product Category	Router
Test Selection Table Version	Core_v1.4_C
Test Specification	IPv6 Ready Core Protocols Test Specification, Revision 5.1.4
Tool Used	Self_Test_5-0-9
CNLABS Product ID	250102

### DEVICES USED FOR INTEROPERABILITY TEST SCENARIOS

The following table contains devices from the CNLABS device used during testing.

DEVICE B	
Product Name	Fedora
Product Description	Operating System
Software Version	31
Product Category	Host
DEVICE C	
Product Name	Windows
Product Description	Operating System
Software Version	21H2
Product Category	Host
DEVICE D	
Product Name	FreeBSD
Product Description	Operating System
Software Version	12.1-Release
Product Category	Router

### TEST RESULTS

CORE INTEROPERABILITY TEST RESULTS		
Reference	Test Number	Result
RFC 4443	IP6Interop.1.1 ICMPv6 Echo Interoperability (D)(E)(G)(H)	Pass
RFC 4861	IP6Interop.1.4 Processing Router Advertisements - Router Lifetime (A)(B)	Pass
RFC 4861	IP6Interop.1.5 Redirect Function	Pass
RFC 8201	IP6Interop.1.6 Path MTU Discovery and Fragmentation (A)(B)(D)(E)	Pass
RFC 4191	IP6Interop.1.7 Processing Router Advertisements – Router Preference (A)(B)(C)(D)	Pass
RFC 4191	IP6Interop.1.8 Processing Router Advertisements – Route Information Option (A)(B)(C)(D)(E)	Pass

**NOTE:**

In Test IP6Interop.1.6 Path MTU discovery and Fragment Mention, The ping does not succeed while the NUT performing NS/NA. It is acceptable since the examiner confirmed by captured packets that NUT is performing NS/NA and the following ping succeeded.