

ADDRESS ARCHITECTURE CONFORMANCE 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	Addr_Arch_v1.2_C
Test Specification	Address Architecture Conformance Test Plan, Version 3.2
Tool Used	Manual
CNLABS Product ID	250103

TEST RESULTS

ADDRESS ARCHITECTURE TEST RESULTS		
Reference	Test Number	Result
RFC 4007,4291	Addr.1.1: IPv6 Scoped Address (A)(B)(C)(D)	Pass
RFC 6724	Addr.1.2: Default Source Address Selection (A)(C)	Pass
RFC 6724	Addr.1.3: Default Destination Address Selection (A)	Pass
RFC 4193	Addr.1.4: Unique Local IPv6 Address (A)(B)	Pass
RFC 3879	Addr.1.5: Deprecating Site Local Addresses (A)(B)	Pass
RFC 4193	Addr.2.1: Routing Unique Local Addresses	Pass
RFC 3879	Addr.2.2: Routing Deprecated Site Local Addresses	Pass
RFC 3879,4291	Addr.2.3: IP Forwarding – Source and Destination Address (A)(B)(C)(D)(E)(F)(G)(H)(I)(J)	Part A, B, C, D, E, F, H, I, - Pass; Part G, J - Fail
RFC 6164,7608	Addr.2.4: IPv6 Prefixes greater than 64 bits (A)	Pass

NOTE:

DUT does not support to configure Multicast routing. So, Addr_Arch Conformance Test Addr.2.3 Parts G and J failed.