

## IOS 15.2

5 Product Family (other products using same IPv6 stack(s) to which these results are declared to apply). Check Product Family attestation below. C1000-8T-2G, C1000-8T-E-2G, C1000-8P-2G, C1000-8P-E-2G, C1000-8FP-2G, C1000-8FP-E-2G, C1000-16T-2L, C1000-16T-E-2G, C1000-16P-2G, C1000-16P-E-2G, C1000-16FP-2G, C1000-24T-4G, C1000-24P-4G, C1000-24FP-4G, C1000-48T-4G, C1000-48P-4G, C1000-48FP-4G, C1000-24T-4X, C1000-24P-4X, C1000-24FP-4X, C1000-48T4X, C1000-48P-4X, C1000-48FP-4X

6 USGv6 Capability summary. (For each distinct IPv6 stack in the product provide a summary of its USGv6 capabilities below and include a detailed test result summary). e.g. example-prod-id/stack-1: USGv6-v1-Host: IPv6-Base+Addr-Arch+IPsec-v3+IKEv2+SLAC+Link=Ethernet.

## USGv6-v1-Host: IPv6-Base+Addr-Arch+SLAAC+Link = Ethernet




| Suppliers Declaration of Conformity for USGv6 Products: Notes Page and Detailed Test Results Summary |  |  |  |  |  |  |  |  |  | USGv6-v1 SDOC-v1.10 Page 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Field <br> 13 <br> Note \# | Product Id: |  |  | Stack Id: |  |  |  |  |  |  |  |
|  | Spec / Reference |  |  | Context / <br> Configuration Option | Supported Capabilities |  |  | Notes about USGv6-v1 Capabilities. |  |  |  |
|  |  | Section | USGv6-v1 Profile Requirements |  | Host | Router | NPD | Test Suite Conformance/NPD | Test Lab / Result ID, Note | Test Suite Interoperability | Test Lab / Result ID, Note |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |
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| Discussion: |  |  |  |  |  |  |  |  |  |  |  |

General: This document describes network product from the identified supplier that claims support of USGv6 capabilities. General product and supplier identification is given on Page 1. Overall results of testing USGv6 capabilities for conformance, interoperability and network protection are given on Page 2. Detailed instructions for completing and interpreting each numbered field are given below. Note USGv6 Testing website at: http://www.antd.nist.gov/usgv6/testing.html. Contact: usgv6-project@antd.nist.gov.
Field $\quad$ Description and Instructions $\quad$ Field $\quad$ Description and Instruction

1 The Document Requiring Conformity Identifies the profile version implemented. Not a user completable field.

2 Product Identifier: Supplier's concise name for the product declared.

3 Suppliers Name, Address and Contact Details: Company name and point of contact for SDOC questions, street address, phone and email.

4 Product as Tested/Declared: Product Identifier and detailed version information. If this SDOC reports oringal test results (page 2), include information about the specific product configuration(s) that was actually tested (e.g., hardware configuration, operating system, etc).

5 Product Family: A list of other products that use the same, unmodified IPv6 stacks such that their USGv6 capabilities are identical in form and function to the specific product configuration above. Test labs are only required to affirm the results for specific products tested. Test labs optionally may affirm recognized product families.

6 USGv6 Capability Summary: The USGv6 stack implementation summary as identified by the '+' notation described in the USGv6 profile, Appendix A. For each IPv6 stack implementation in the product, a distinct Stack Id and reference to the attached Results Summary page (Page 2).

7 Self Contained or Composite SDOC. If this SDOC relies on the test results of other disinct products, list the Supplier \& Product ID/Stack IDs referenced and attach those original SDOCs to this one.

8 Additional Declarations / Attachements: List the supplier / product ID / Stack ID of any test results of composite components referenced by this SDOC.

9 Supplementary Attestations: Suppliers disclosure of IPv6 only capabilities; multiple stacks present; product family applicabilities. These are not included to qualify or disqualify a product from purchase considerations, but to inform network administrators of potential configuration options relevant to USGv6 interoperability. Check all that apply
10 Signature Block: Wet ink signature of the responsible product manager, dated. Printed name and position title on the line below.

Field
Description and Instructions
11 Summary of Results: The format of this table mirrors the USGv6-v1.0 capabilities checklist (USGv6 Profile, Appendix A). The 12 categories of USGv6 capabilities are listed as subheadings, with subsidiary functions as line items. Configuration options related to conditional implementation of selected capabilities.

Product Id/Stack Id: The identification line of this page includes space for Product Id and Stack Id labels. Product Id is the same as given on Page 1. As there may be more than one unique IPv6 stack implemented in the product, the Stack Id field identifies the particular stack described. One Results Summary page per stack is required.
Host, Router and Network Protection (NPD)columns identify 'preferred' options: cells in green represent the NIST recommendations. Cells in grey denote atypical options, very unlikely to be implemented. The procuring Agency may additionally tailor these fields to indicate requirements for this acquisition.

Test Suite Conformance and Interoperability columns identify capability sets for which a public test suite exists, and the versions applicable to USGv6-v1.0 test results. Major version v1 and all its minor versions are deemed acceptable. Over time, new versions will be added and older ones retired. There may be periods when more than one major version is acceptable concurrently.
The supplier completes the adjacent Test Lab and Result Id column with the test lab acronym and unique result identifier (See Test Lab and Accreditor page on the Website). The buyer may opt to query results with the test laboratory using the specified Result Id(s). The supplier may opt to provide particular explanation of some results (partial results, additional options) in which case reference to note on an attached page 3. (e.g. "See Note\# N"). See the USGv6 testing website to identify the test lab, and find contact details.

Cells marked Self Test have no associated public test suite. If implemented by the supplier, the required adjacent annotation is "Self Declaration". Note that vendors declaring support for such a capability are declaring support for the associated specific requirements in the USGv6 Profile.

12 Additional Options Tested Vendor checks if it is desired to record tested options not part of the 'Musts' in the profile. Explanations on the page following the results summary.
Headings and Special Notations as described.

Options for Test Lab and Result Id: Currently 3 cases: (1) the test lab acronym and alphanumeric Id of the result set as assigned by the test laboratory; (2) 'Self declaration' denoting the supplier attests to adequate QA testing of the capability; (3) See attachment or note ' N ', where the supplier explains variations in greater detail.

13 Stack-1 Notes Instructions: The supplier may choose to use the Notes (page 3) in order to clarify unsupported features or non passing results. Each Note \# must reference the same Note \# from Page 2.
Complete the Note by including the Spec/Reference and Section (i.e. RFC or USGv6 Profile version), USGv6-v1 Profile Requirements, Config Option (i.e. IPv6-Base), choosing Host/Router/NPD, and Test Selection table version along with Test Lab Result ID. The Discussion includes details about the test result that will be disclosed to the buyer.

