**Instructions**

The purpose of the Capabilities Survey is to collect information and determine a baseline set of capabilities of the product being tested. Please fill in the requested information below. The information provided will be used towards conducting testing and completing the final report.

# Supplier Information

|  |  |
| --- | --- |
| Company Name |       |
| Company Contact |       |

# Product Information

|  |  |
| --- | --- |
| Product Name |       |
| Product Description |       |
| Product Version |       |
| Applicable Versions |       |

# Capabilities Survey

## Installation

**Requirement:** The product or service must be able to be instantiated and

installed on nodes and in network environments that do not provide IPv4

services. Initial configuration of the product to a state where other remote

services are operational, are part of the installation functions. [Special Publication (NIST SP) - 500-267Ar1, Section 4.1.1]

**Instructions:** For each item, indicate whether the listed capability is supported as an IP Enabled function. If a given capability is not IP Enabled, indicate “offline”. Where applicable, please provide links to online resources if they are available for download, and please include notes indicating any potential issues or deviations.

|  |  |
| --- | --- |
| **Capability** | **Support** |
| 1. **Download of Installation Media**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Download Product Documentation**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Installation can be initiated**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Installation can be monitored**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **All network address display fields show IPv6 Addresses** **according to [RFC5952]**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **All network address input fields accept IPv6 Addresses**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |

## Update

**Requirement:** All forms of product update functions (e.g., software, BIOS updates),

both automated and user initiated, must be fully functional in IPv6-only

environments. [Special Publication (NIST SP) - 500-267Ar1, Section 4.1.1]

**Instructions:** For each item, indicate whether the listed capability is supported as an IP Enabled function. If a given capability is not IP Enabled, indicate “offline”. Where applicable, please provide links to online resources if they are available for download, and please include notes indicating any potential issues or deviations.

|  |  |
| --- | --- |
| **Capability** | **Support** |
| 1. **Download Update Media**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Update can be initiated**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Update can be monitored**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **All network address Display fields show IPv6 Addresses according to [RFC5952]**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **All network address Input fields accept IPv6 Addresses**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |

## Management

**Requirement:** All forms of remote management and monitoring functions must be fully functional in IPv6-only environments. [Special Publication (NIST SP) - 500-267Ar1, Section 4.1.1]

**Instructions:** List and describe below the supported forms of remote management and monitoring functions for the product being tested. For each method of remote management, please provide a procedure for exercising and testing the functionality. Additionally, please indicate if the form of remote management is programmable (e.g. REST). Where possible, please provide an automated script that can be utilized to confirm functionality in an IPv6-only environment.

For Part A, provide methods and procedures used by users to access the devices.

For Part B, provide methods and procedures to cause the device to initiate a connection.

Part A: User Initiated Management/Monitoring Access

|  |  |  |
| --- | --- | --- |
| Method | Description of Procedure | Programmable |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |

Part B: Device Initiated Management/Monitoring Functions

|  |  |  |
| --- | --- | --- |
| Method | Description of Procedure | Programmable |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |
|       |       | [ ]  |

## User Interface

**Requirement:** All forms of interactive access to the product (e.g., web-based

interfaces or APIs) must fully support the use of IPv6 and IPv6 addresses of

all forms. If the product displays IP addresses, then IPv6 addresses must be

displayed according to [RFC5952]. [Special Publication (NIST SP) - 500-267Ar1, Section 4.1.1]

**Instructions:** List and describe below locations where IPv6 Addresses are Displayed, Entered, or Stored. For each location, provide a description of how to access and exercise the functionality of the interface. For each location, please specify whether an IPv6 address will be Displayed, Entered, or Stored, or any combination thereof.

|  |  |  |
| --- | --- | --- |
| **Location** | **Description** | **Type** |
|       |       |  |
|       |       |  |
|       |       |  |
|       |       |  |
|       |       |  |
|       |       |  |
|       |       |  |
|       |       |  |

## Logging

**Requirement:** All forms of interactive access to the product (e.g., web-based

interfaces or APIs) must fully support the use of IPv6 and IPv6 addresses of

all forms. If the product displays IP addresses, then IPv6 addresses must be

displayed according to [RFC5952]. [Special Publication (NIST SP) - 500-267Ar1, Section 4.1.1]

**Instructions:** List and describe below the locations and nature of the Logging capabilities. If Logging is not available to the end-user/administrator, indicate No, the remainder of the capabilities are N/A.

|  |  |
| --- | --- |
| **Capability** | **Support** |
| 1. **Logs Available to End-User**
 |  |
| *<Provide Additional IPv6-Only Notes/Instructions Here>* |
| 1. **Logs Viewable Locally**
 |  |
| *<Provide Locations of Logs and Instructions Here>* |
| 1. **IP Enabled Remote Logging**
 |  |
| *<Provide description of Remote Logging functions and Instructions Here>* |