FCC INFORMATION TECHNOLOGY (IT) INTERNET PROTOCOL VERSION 6 (IPV6) PROCUREMENT CHECKLIST

OFFICE OF THE MANAGING DIRECTOR

45 L Street NE, Washington, DC 20554

Record of Approval

Document Approval	
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Federal Communications Commission Office of Chief Information Officer _____Choose an item. Product/Program/Project/Service Title _____OMD – Information Technology_____ 4/6/2021	

IPv6 Procurement Checklist

TOPIC	DESCRIPTION
1. STRATEGIC LINKAGE	Choose an item.
2. FUNCTIONAL RESPONSIBILITY ALIGNING WITH RESPECTIVE STRATEGIC LINKAGE IN TOPIC 1	Choose an item. .
3. ENTERPRISE ARCHITECTURE	The technology design has been vetted through the FCC Information Technology (IT) department to ensure compliance and usability with current and future IT infrastructure including dual stack (IPv4 over IPv6). Yes ☐ No ☐
4. COMPLIANCE	Ensure compliance with Federal direction, including, but not limited to, the FAR 11.002(g) and OMB Memorandum M-21-07. Are the products and services that use IP provide full feature functionality in both dual stack (IPv4 and IPv6) and IPv6-only environments in compliance with the NIST USGv6 Testing Program? Yes ☐ No ☐
5. REQUESTOR RESEARCH	Conduct research when evaluating IPv6 readiness. Yes ☐ No ☐
6. SUPPLIER DECLARATION OF CONFORMITY (SDoC)	A vendor, when responding to a request for an IT service or product using IP, must complete and return a signed Supplier's Declaration of Conformity (SDoC) to requestor. Did the vendor provide the SDoC? Yes ☐ No ☐
7. ACQUISITION WAIVERS	A requestor in a B/O seeking a waiver to procure an IT product or service that does not meet the IPv6 compliance requirements in FAR 11.002(g) and on the FCC IPv6 policy must submit a signed request via memorandum from his/her B/O Chief to the Deputy CIO for Technology and Resiliency. Will the requester be submitting a request for waiver? Yes ☐ No ☐
8. RISKS	Are there any risks that management should be considering? Yes ☐ No ☐ If including risks, please provide explanation using the IF/THEN format:
9. TECHNICAL POINT OF CONTACT (TPOC) INFORMATION	Please use this space to provide the TPOC's contact information

EXPLANATIONS OF IPv6 PROCUREMENT CHECKLIST TOPICS:

Strategic Linkage – The planned procurement shall align with the FCC's Strategic Plan (current version 2018-2022). Select the appropriate choice from the dropdown menu.

Functional Responsibility Aligning with Respective Strategic Linkage – The planned procurement shall align with FCC IT's strategic goals relative to the FCC Strategic Plan. Select the appropriate choice from the dropdown menu.

Enterprise Architecture – FCC IT urges requestors to contact the Enterprise Architecture Group to verify planned procurements will be compatible with existing IPv6 and/orIPv4 assets.

Compliance – Unless the agency Chief Information Officer waives the requirement, when acquiring information technology using Internet Protocol, the requirements documents must include reference to the appropriate technical capabilities defined in the USGv6 Profile (NIST Special Publication 500-267) and the corresponding declarations of conformance defined in the USGv6 Test Program. The applicability of IPv6 to agency networks, infrastructure, and applications specific to individual acquisitions will be in accordance with the agency's Enterprise Architecture and OMB Memorandum M-21-07.

Requestor Research – FCC IT urges requestors to conduct vendor research into the planned asset's IPv6 capability; if necessary, research should include alternatives in case the original asset is not capable.

Supplier Declaration of Conformity (SDoC) – The SDoC is a document which declares that a product, process, or service conforms to a standard or technical regulation. The supplier provides written assurance of conformity to the specified requirements. This is also sometimes called Self Declaration of Conformity.

Acquisition Waivers – A waiver request memorandum shall include language indicating the reason(s) for which:

1) The requiring of IPv6-capability would be an undue burden on an acquisition, and
2) The requested non-compliant system/service/asset is needed.

The waiver request shall also include the vendor documentation detailing timelines to incorporate IPv6 capability into the respective product. FCC IT will issue waivers case-by-case only.

Risks – The requestor may insert risks into the field, provide links to the respective project risk register (e.g. via Teams or SharePoint), or may attach in a separate document.

4/12/2021

Technical Point of Contact (TPOC) Information – Along with the TPOC's contact information, please include any additional information or necessary context that has not been captured in previous sections.