

Request for Stand-Alone Project Form Template: Open Broadband STAMP

Request for Stand-Alone Project

This page forms the basis for a Board of Directors (BoD) agreement for new stand-alone projects. The Board of Directors will review the Request Form, with any accompanying documents. Upon agreement to proceed, BBF staff, on behalf of the Board of Directors, will oversee the processing of the necessary legal agreements, procedures, membership rules, setup of software tools, etc.

If you are interested in proposing a new project, please reach out to BBF via info@broadband-forum.org.

Notice:

This Form has been prepared to assist the Broadband Forum. It is offered to the BoD as a basis for discussion and is not a binding proposal on the author(s), parent companies or any other company. The information is provided "as is" with no warranties of any kind. Information presented in this document is subject to change after further study. The author reserves the right to add, amend or withdraw any and all statements made herein.

Directions:

To submit a request for a new stand-alone project, copy this page by clicking the "..." menu button at the top right, then "Copy". Publish your new page with a title of the format: "Request for Stand-Alone Project: [Title and Acronym]".

Item	Details and description			
Title	Open Broadband STAMP (OB-STAMP)			
Type of project	<div><input checked="" type="checkbox"/> New project</div> <div><input type="checkbox"/> Extension of existing project(s)</div>			

Project description	<p>Introduction: OB-STAMP (Open Broadband - Simple Two-Way Active Measurement Protocol) aims to create an open-source implementation of a STAMP Sender and Reflector, fully compatible with RFC 8762 and its associated extensions, to be installed on a Customer Premises Equipment (CPE). The application must run as a containerized application within the CPE following the User Services Platforms (USP) paradigms. The purpose is to develop a component outlined in the TR-390.2 document, thus facilitating the capacity to perform performance measurement between the customer's equipment and the IP Edge.</p> <p>The (soon-to-be) TR-390.2 Amendment 1 document also describes the feasibility of using the STAMP protocol to take the performance measurements in the subscriber home network.</p> <p>Existing work (if any):</p> <p>Project prerequisites:</p> <p>Project roles:</p>			
Project scope/phases	<p>Initial release: STAMP Reflector (TR-390.2) integrated with the TR-181 management. OutSys will provide the initial base code</p> <p>Subsequent releases to implement additional features:</p> <ul style="list-style-type: none"> • STAMP Sender (soon-to-be TR-390.2 Amendment 1) • Others 			
Business need(s) and opportunities	<p>By utilizing the measurements conducted within the IP Edge - CPE segment, there is potential to harness the opportunities outlined in the MR-452.x and TR-452.x documents, thereby enhancing the quality of service provided to subscribers.</p>			
Business impact(s) (check as many as applicable)	<div> <input type="checkbox"/> New Revenue <input type="checkbox"/> New Services <input type="checkbox"/> New Applications <input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> Faster Time to Revenue <input checked="" type="checkbox"/> Scalability <input checked="" type="checkbox"/> Other (specify): Performance metrics </div>			
Savings (if applicable)	<div> <input checked="" type="checkbox"/> OpEx <input type="checkbox"/> CapEx <input type="checkbox"/> Non-Recurring Costs </div>			

Audience (check as many as applicable)	Industry: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Service Provider/Network Operator <input checked="" type="checkbox"/> Equipment Manufacturer <input checked="" type="checkbox"/> Component Manufacturer <input checked="" type="checkbox"/> Software company <input checked="" type="checkbox"/> Test company <input checked="" type="checkbox"/> System Integrator Role: <ul style="list-style-type: none"> <input type="checkbox"/> Marketing/BusDev <input checked="" type="checkbox"/> Developer <input type="checkbox"/> Architect <input checked="" type="checkbox"/> Network Operations <input checked="" type="checkbox"/> IT 			
Deliverable type(s) (check as many as applicable)	National/International institutions: <ul style="list-style-type: none"> <input type="checkbox"/> Governments <input type="checkbox"/> Regulators <input type="checkbox"/> SDOs Media: <ul style="list-style-type: none"> <input type="checkbox"/> Analysts <input type="checkbox"/> Press Type: <ul style="list-style-type: none"> <input type="checkbox"/> Tech Spec <input type="checkbox"/> Implementation Agreement <input type="checkbox"/> Architecture <input type="checkbox"/> Data Model <input type="checkbox"/> API <input type="checkbox"/> Test Plan <input type="checkbox"/> Liaison <input type="checkbox"/> Best Practices Paper <input type="checkbox"/> Positioning Paper <input type="checkbox"/> Others (specify): 			
Relationship to BBF strategy (e.g., Ultra-fast, Agile, Valuable)	Quantify and verify "ultra-fast"			

Related BBF documents /projects	<ul style="list-style-type: none"> • TR-390.2 and soon-to-be TR-390.2 Amendment 1 • MR-452.x, TR-452.x • TR-181: CPE Data Model • TR-369: USP 			
Related project dependencies from and proposed interactions with other SDOs/industry forums. Do any of these organizations (or members of) need to be direct contributors inside the project?	There are no dependencies at this time. Work in IETF may lead to future enhancements of the code.			
Other special considerations: for non-members, IPP, timing, etc.	None at this time.			
Target project completion date	Initial release delivered by Q2 2024			
Supporting companies (please indicate if they are not BBF Members):	Fabio Giudici Sabrina Guidotti Fabrizio Guidotti	Out Sys	fgiudici@outsys.com ;	Supporter, Contributor, Project Leader
	Bjørn Ivar Teigen	Domos	bjorn@domos.no	Supporter, Contributor
	Jonathan Newton	Vodafone		Supporter

	Olaf Bonness	D e u t s c h e T e l e k o m	Su p p o r t e r
	Francisco de Carvalho	R a d i s y s	Su p p o r t e r

Approval:

Project name:

Initiation date:

Leadership:

IPP:

Scope of Work:

Project deliverables:

Non-BBF members: