

BBF Work in Progress - Projects, Project Streams, and Jira Links

Active Broadband Forum projects are progressed by the following Work Areas (WAs) and initiatives:

Access and Transport Architecture (ATA) Work Area: Defines and specifies the architecture and requirements for access, routing and transport network infrastructure. [Read more.](#)

Broadband Innovation Group (BIG) initiative: An open environment to expose, discuss, stretch, and socialize ideas that could be qualified, at first, as out-of-the-box, innovative, or embryonic. [Read more.](#)

Broadband User Services (BUS) Work Area: Provides the broadband industry with technical specifications, implementation guides, reference implementations, test plans, and marketing white papers for the deployment, management, and consumption of services by the broadband end user. [Read more.](#)

Common YANG Work Area: Specifies YANG modules, NETCONF/YANG test plans, and certification for the defined YANG modules, and maintains Broadband Forum's YANG Best Current Practices. [Read more.](#)

Fiber Access Networks (FAN) Work Area: Defines the requirements and data models for deploying Broadband Forum network architectures in fiber access technologies so as to accelerate deployments and ensure interoperability. [Read more.](#)

Open Broadband (OB) initiative: Brings open source and open standards together, paving the way to dramatically change our industry and bring the full promise of broadband to fruition. [Read more.](#)

Physical Layer Transmission (PHYtx) Work Area: Provides test plans, technical documentation, and marketing papers to enable multi-vendor interoperability in deployments for both access and in-premises networks. [Read more.](#)

SDN and NFV Work Area: Focuses on the introduction of Software Defined Networking (SDN) and Network Functions Virtualization (NFV), including migration and coexistence of physical and virtual elements, into the broadband network. [Read more.](#)

Wireline-Wireless Convergence (WWC) Work Area: Addresses the increasing synergy between wireless access technologies and wired access technologies, as well as that of wireless networking and wireline networking functions. [Read more.](#)

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This page lists current active Broadband Forum projects. To view published documents, visit the [Broadband Forum website.](#)

For more information on Broadband Forum membership, please contact [Rhonda Heier](#), the Broadband Forum Membership Development Manager or visit our [Become a Member page.](#)

Project Area	Work Area	Project Stream Wiki Pages	ID Number and Link to Draft	Project Title	Contribution Links
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Access / Connected Home	ATA	Non-PS Assigned	SD-452	Broadband Quality Experience Delivered (Broadband QED)	Contributions
Access	ATA	Non-PS Assigned	MD-455	Hybrid Access – Assisting Targeted FTTP Deployment	Contributions
5G / Cloud	ATA	Non-PS Assigned	WT-459	Control and User Plane Separation for a Disaggregated BNG	Contributions
Access / Connected Home	ATA	Application Layer Testing	WT-421	Application-Layer Test Traffic Architecture and Requirements	Contributions
Access / Connected Home	ATA	Application Layer Testing	WT-422	Application-Layer Testing Implementer's Guide	Contributions
Access / Connected Home	ATA	Application Layer Testing	WT-424	Data Models for Application-Layer Test Traffic	Contributions
Access / 5G	ATA	Mobile Transport and Routing	MD-305 Issue 3	MPLS Mobile Backhaul Evolution - 4G and Beyond - Tutorial	Contributions
Access / 5G	ATA	Mobile Transport and Routing	MD-342	Energy Efficient Mobile Backhaul White Paper	Contributions
Access / 5G	ATA	Mobile Transport and Routing	MD-343	Energy Efficient Mobile Backhaul Tutorial	Contributions
Access	ATA	Packet Optical Evolution	WT-462	Flexible Ethernet (FlexE) in IP /MPLS Networks	Contributions
Access	ATA	Packet Optical Evolution	SD-462	Study Document for Flexible Ethernet (FlexE) in IP/MPLS Networks	Contributions
Access	ATA	Packet Optical Evolution	MD-462	Whitepaper for Flexible Ethernet (FlexE) in IP/MPLS Networks	Contributions
Connected Home	BUS	Device Requirements	WT-124i6	Functional Requirements for Broadband Residential Gateway Devices	Jira Project CONTRIB items
Connected Home	BUS	Software Tools	SD-354	New BBF CWMP Report Tool	Jira project CONTRIB items
Access / Connected Home	BUS / PHYTX	Wi-Fi In Premises	SD-401	Wi-Fi In-Premises Installation and Diagnostics	CONTRIB items
Access / Connected Home	BUS / PHYTX	Non-PS Assigned	SD-410	Analysis and Requirements for Video Support In-Premises	Contributions
5G / Cloud	Common YANG	YANG Modules	WT-460	YANG Modules for Broadband Network Gateways	Contributions
Access	FAN	PON Management	SD-417	OLT Management Study	

Access	FAN	Interoperability Test	WT-426	NG-PON2 TC Layer Test Plan	
Access	FAN	Interoperability Test	ID-247i3a2	GPON & XG-PON1 ONU Conformance Test Plan	Contributions
Access	FAN	Interoperability Test	ID-247i4	GPON & XG-PON1 ONU Conformance Test Plan - Issue 4	Contributions
Access	FAN	FAN PON Abstraction Layer Project Stream	WT-402	Background of PON abstraction interface for time-critical application	Contributions
Access / Cloud	FAN		WT-431	YANG Modules to Support EPON in BBF Service Models	Contributions
Access	FAN	Interoperability Test	WT-423a1	XG(S)-PON and NGPON2 PON PMD Layer IOP Test Plan	Contributions
Access	PHYtx	VDSL2 Physical Layer Testing	WT-114i3a3	WT-114 Issue 3 Amendment 3: VDSL2 Performance Test Plan	Contributions
Access	PHYtx	VDSL2 Physical Layer Testing	WT-249i2	Testing of G.993.2 Self-FEXT Cancellation (vectoring) - Issue 2	Contributions
Access	PHYtx	Home Networking	WT-425	Infrastructure for Testing Mitigation of Interference Between PLC and DSL	Contributions
Access	PHYtx	Fiber Access Network Copper Extensions	WT-419	Fiber Access Extension Over Existing Copper Infrastructure	Contributions
Access	PHYtx	Fiber Access Network Copper Extensions	SD-419	Use cases for extending fiber access over existing in-premises infrastructure	Contributions
Access / Connected Home	PHYtx and BUS	WiFi In Premises	WT-434	Performance Testing of In-Premises Video Support Over WiFi	Contributions
Cloud	SDN and NFV	CloudCO	WT-408	CloudCO Migration and Co-existence	Contributions
Cloud	SDN and NFV	CloudCO	WT-411	Definition of Interfaces between CloudCO Functional Modules	Contributions
Cloud	SDN and NFV	CloudCO	WT-412	CloudCO Test Cases	Contributions
Access / Cloud	SDN and NFV	CloudCO	WT-413	SDN Management and Control Interfaces for CloudCO Network Functions	Contributions

Access / Cloud	SDN and NFV	CloudCO	WT-435	NETCONF Requirements for Access Nodes and Broadband Access Abstraction	Contributions
Access / Cloud	SDN and NFV	CloudCO	WT-451	vOMCI Interface Specification	Contributions
Access / Cloud / Connected Home	SDN and NFV	Automated Intelligent Management	WT-436	Access & Home Network O&M Automation/Intelligence	Contributions
Cloud	SDN and NFV	CloudCO	WT-454	YANG Modules for Access Network Map & Equipment Inventory	Contributions
5G	WWC	5G	WT-456	AGF Functional Requirements	Contributions
5G	WWC	5G	WT-457	FMIF Functional Requirements	Contributions
5G / Cloud	WWC	5G	WT-458	CUPS for 5G FMC	Contributions
5G	WWC	5G	MD-464	Migrating Fixed Access to 5G	Contributions