



Georgia BEAD Challenge Template Guidance

OUR VISION

*A transparent,
integrated enterprise
where technology
decisions are made
with the citizen in mind*

—

OUR MISSION

*To provide technology
leadership to the state
of Georgia for sound IT
enterprise management*

2024

Required Information: Non-CAI Challenge

Field	Header	Example	Description/Notes
Challenge Type	challenge_type	A	<ul style="list-style-type: none"> One of the challenge types identified in the guidebook.
Challenger	challenger	True Challenge	<ul style="list-style-type: none"> Name of challenging entity
Provider	provider_id	123456	<ul style="list-style-type: none"> A unique 6-digit code generated by the FCC that identifies each service provider.
Location ID	location_id	1081756084	<ul style="list-style-type: none"> Unique identifier for the location from the BSL Fabric at which the fixed availability information is being challenged.

Required Information: Non-CAI Challenge

Field	Header	Example	Description/Notes
Technology	technology	50	<ul style="list-style-type: none"> • Code for the technology of the service being challenged, as shown on the Broadband Map. Value must be one of the following codes: • 10 – Copper Wire • 40 – Coaxial Cable / HFC • 50 – Optical Carrier / Fiber to the Premises • 60 – Geostationary Satellite • 61 – Nongeostationary Satellite • 70 – Unlicensed Terrestrial Fixed Wireless • 71 – Licensed Terrestrial Fixed Wireless • 72 – Licensed-by-Rule Terrestrial Fixed Wireless • 0 – Other

Required Information: Non-CAI Challenge

Field	Header	Example	Description/Notes
Unit	Unit	3-G	<ul style="list-style-type: none"> Unique identifier for the location from the BSL Fabric at which the fixed availability information is being challenged. Only for challenge types A, D, L, S, T
Availability Reason	reason_code	<ol style="list-style-type: none"> Provider failed to schedule a service installation within 10 business days of a request. Provider did not install the service at the agreed-upon time. Provider requested more than the standard installation fee to connect the location. Provider denied the request for service. Provider does not offer the technology entered above at this location. Provider does not offer the speed(s) shown on the Broadband Map for purchase at this location. Left Blank – do not use No wireless signal is available at this location (only for technology codes 70 and above). New, non-standard equipment had to be constructed at this location. 	<ul style="list-style-type: none"> The evidence or reason for the availability challenge. Must use value from the example options.

Required Information: Non-CAI Challenge

Field	Header	Example	Description/Notes
Advertised Download Speeds	advertised_download_speeds	1000Mbps	<ul style="list-style-type: none"> Download speed, in Mbps, advertised by the provider. Use 0 for speeds below 1 Mbps and round down (e.g., a speed of 2.6 Mbps is listed as 2, not 3). Only for challenge types A, E, L, P, S.
Download Speed	download_speed	957	<ul style="list-style-type: none"> Measured or available download speed in Mbps. Only for challenge types S, M.
Advertised Upload Speed	advertised_upload_speed	200	<ul style="list-style-type: none"> Advertised upload speed in Mbps. Use 0 for speeds below 1Mbps and round down. Only for challenge types A, E, L, P, S.

Required Information: Non-CAI Challenge

Field	Header	Example	Description/Notes
Upload Speed	Upload_speed	157.3	<ul style="list-style-type: none">Measured or available upload speed in Mbps.Only for challenge types S, M.
Latency	latency	27.5	<ul style="list-style-type: none">Measured round-trip latency in milliseconds.Only for challenge types L, M.

Required Information: CAI Challenge

Field	Header	Example	Description/Notes
Challenge Type	challenge_type	C, R	<ul style="list-style-type: none"> One of the challenge types identified in the guidebook associated with a CAI challenge.
Challenger	challenger	True Challenge	<ul style="list-style-type: none"> Name of challenging entity
Type	type	S	<ul style="list-style-type: none"> Enumerated character identifying the type of CAI. Codes found at end of section.
Rationale	rationale	Senior center that teaches computer classes.	<ul style="list-style-type: none"> Provide a brief explanation of how the institution facilitates greater broadband use and the population it serves,
Entity Name	entity_name	Athens Middle School	<ul style="list-style-type: none"> Official name of the CAI.

Required Information: CAI Challenge

Field	Header	Example	Description/Notes
Entity Number	entity_number	7688	<ul style="list-style-type: none"> USAC assigns a unique identifying number to each school or library that participates in the E-Rate program, the entity number. Mandatory if CAI participates in E-Rate program. Leave empty for CAIs that are neither type S nor L or do not participate in the E-Rate program.
Challenge Explanation	challenge_explanation	Challenging due to new information about the location.	<ul style="list-style-type: none"> Brief explanation of the challenge.
CMS Number	CMS Number	310045	<ul style="list-style-type: none"> The CMS certification number (CCN) for CAIs of type H. Leave empty for other CAIs.

Required Information: CAI Challenge

Field	Header	Example	Description/Notes
FRN	frn	0015433808	<ul style="list-style-type: none"> FCC registration number (if applicable; likely for type S, L, H)
Location ID	location_id	1081756084	<ul style="list-style-type: none"> The identifier for the BSL from the National Broadband Map. Leave empty if the CAI has no location id
Street Address	address_primary	500 Main St	<ul style="list-style-type: none"> Street number, street name, and any applicable prefix or suffix of the first address line (primary address) of the CAI.
City	city	Athens	<ul style="list-style-type: none"> Full name of the city, town, municipality or census designated place associated with the address.

Required Information: CAI Challenge

Field	Header	Example	Description/Notes
State or Territory	state	GA	<ul style="list-style-type: none"> Two-letter USPS abbreviation identifying the state or territory associated with the address.
Zip Coded	zip_code	30606	<ul style="list-style-type: none"> Five-digit USPS zip code associated with the address, including any leading zeros.
Longitude	longitude	-73.9838782322	<ul style="list-style-type: none"> Unprojected (WGS-84) geographic coordinate longitude in decimal degrees for the CAI, with a minimal precision of 6 decimal digits.
Latitude	latitude	40.867420374	<ul style="list-style-type: none"> Unprojected (WGS-84) geographic coordinate latitude in decimal degrees for the CAI, with a minimal precision of 6 decimal digits.

Required Information: CAI Challenge

Field	Header	Example	Description/Notes
Explanation	explanation	Senior center	<ul style="list-style-type: none"> For CAIs of type C, provide a brief explanation of how the institution facilitates greater broadband use and the population it serves, either as text or as a reference to a longer explanation accompanying the submission. For example, the submitter may define a set of sub-categories of CAI category C and describe how they meet the conditions.
Broadband Need	need	1000	<ul style="list-style-type: none"> Broadband need, in Mbps download speed.
Broadband Availability	Availability	1000	<ul style="list-style-type: none"> Highest available broadband service speed, in Mbps download speed. Leave empty if not known.

Types of CAIs

The enumerated characters identifying the type of a CAI are:

- S – K-12 school, junior college, community college, university, or other educational institution
- L – Library
- G – local, state, federal, or tribal government building
- H – health clinic, health center, hospital, or other medical provider
- F – public safety entity such as a fire house, emergency medical service station, police station, or public safety answering point (PSAP)
- P – public housing organization
- C - community support organization that facilitates greater use of broadband service by vulnerable populations, including low-income individuals, unemployed individuals, and aged individuals

Additional References

- [BEAD Homepage](#)
- [Challenge Portal](#)
- [Initial Proposal Volume 1](#)
- [Initial Proposal Volume 2](#)
- [Five-Year Action Plan](#)
- [Digital Connectivity Plan](#)