117TH CONGRESS 2D SESSION	S.		
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To improve certain programs of the Small Business Administration to better assist small business customers in accessing broadband technology, and for other purposes.

IN THE SENATE OF THE UNITED STATES

Mrs.	Shaheen	(for	herself,	Mr.	Kenned	y, Ms	. Erns	г, Ms.	Hir	ono,	Mr.
	RISCH, and	Mr.	Marke	y) in	troduced	the fo	llowing	bill; v	vhich	was	read
	twice and re	eferre	ed to the	Con	nmittee or	ı					

A BILL

- To improve certain programs of the Small Business Administration to better assist small business customers in accessing broadband technology, and for other purposes.
 - 1 Be it enacted by the Senate and House of Representa-
 - 2 tives of the United States of America in Congress assembled,
 - 3 SECTION 1. SHORT TITLE.
 - 4 This Act may be cited as the "Small Business
 - 5 Broadband and Emerging Information Technology En-
 - 6 hancement Act of 2022".

1	SEC. 2. BROADBAND AND EMERGING INFORMATION TECH-
2	NOLOGY COORDINATOR.
3	The Small Business Act (15 U.S.C. 631 et seq.) is
4	amended—
5	(1) by redesignating section 49 (15 U.S.C. 631
6	note) as section 50; and
7	(2) by inserting after section 48 (15 U.S.C.
8	657u) the following:
9	"SEC. 49. BROADBAND AND EMERGING INFORMATION
10	TECHNOLOGY.
11	"(a) Definitions.—In this section—
12	"(1) the term 'Associate Administrator' means
13	the Associate Administrator for the Office of Invest-
14	ment and Innovation;
15	"(2) the term 'broadband' means—
16	"(A) high-speed wired broadband internet;
17	and
18	"(B) high-speed wireless internet;
19	"(3) the term 'broadband and emerging infor-
20	mation technology coordinator' means the employee
21	designated to carry out the broadband and emerging
22	information technology coordination responsibilities
23	of the Administration under subsection (b)(1); and
24	"(4) the term 'emerging information tech-
25	nology' includes—

1	"(A) data science technologies such as arti-
2	ficial intelligence and machine learning;
3	"(B) Internet of Things;
4	"(C) distributed ledger technologies such
5	as blockchain;
6	"(D) cloud computing and software as a
7	system technologies;
8	"(E) computer numerical control tech-
9	nologies such as 3D printing; and
10	"(F) robotics and automation.
11	"(b) Assignment of Coordinator.—
12	"(1) Assignment of Coordinator.—The As-
13	sociate Administrator shall designate a senior em-
14	ployee of the Office of Investment and Innovation to
15	serve as the broadband and emerging information
16	technology coordinator, who—
17	"(A) shall report to the Associate Adminis-
18	trator;
19	"(B) shall work in coordination with—
20	"(i) the chief information officer, the
21	chief technology officer, and the head of
22	the Office of Technology of the Adminis-
23	tration; and
24	"(ii) any other Associate Adminis-
25	trator of the Administration determined

1	appropriate by the Associate Adminis-
2	trator;
3	"(C) has experience developing and imple-
4	menting telecommunications policy in the pri-
5	vate sector or government; and
6	"(D) has demonstrated significant experi-
7	ence in the area of broadband or emerging in-
8	formation technology.
9	"(2) Responsibilities of coordinator.—
10	The broadband and emerging information technology
11	coordinator shall—
12	"(A) coordinate programs of the Adminis-
13	tration that assist small business concerns in
14	adopting, making innovations in, and using
15	broadband and other emerging information
16	technologies;
17	"(B) serve as the primary liaison of the
18	Administration to other Federal agencies in-
19	volved in broadband and emerging information
20	technology policy, including the Department of
21	Commerce, the Department of Agriculture, the
22	Department of the Treasury, and the Federal
23	Communications Commission;
24	"(C) identify best practices relating to
25	broadband and emerging information tech-

1	nology that may benefit small business con-
2	cerns; and
3	"(D) identify and catalog tools and train-
4	ing available through the resource partners of
5	the Administration that assist small business
6	concerns in adopting, making innovations in,
7	and using broadband and emerging information
8	technologies.
9	"(3) Travel.—Not more than 20 percent of
10	the hours of service by the broadband and emerging
11	information technology coordinator during any fiscal
12	year shall consist of travel outside the United States
13	to perform official duties.
14	"(c) Broadband and Emerging Information
15	TECHNOLOGY TRAINING.—
16	"(1) Training.—The Associate Administrator
17	shall provide to employees of the Administration
18	training that—
19	"(A) familiarizes employees of the Admin-
20	istration with broadband and other emerging
21	information technologies;
22	"(B) includes—
23	"(i) instruction on counseling small
24	business concerns regarding adopting,
25	making innovations in, and using

1	broadband and other emerging information
2	technologies; and
3	"(ii) information on programs of the
4	Federal Government that provide assist-
5	ance to small business concerns relating to
6	broadband and emerging information tech-
7	nologies; and
8	"(C) to maximum extent practicable, uses
9	the tools and training cataloged and identified
10	under subsection $(b)(2)(D)$.
11	"(2) Authorization of appropriations.—
12	There are authorized to be appropriated such sums
13	as are necessary to carry out this subsection.
14	"(d) Reports.—
15	"(1) BIENNIAL REPORT ON ACTIVITIES.—Not
16	later than 2 years after the date on which the Asso-
17	ciate Administrator makes the first designation of
18	an employee under subsection (b), and every 2 years
19	thereafter, the broadband and emerging information
20	technology coordinator shall submit to the Com-
21	mittee on Small Business and Entrepreneurship of
22	the Senate and the Committee on Small Business of
23	the House of Representatives a report regarding the
24	programs and activities of the Administration relat-

1	ing to broadband and other emerging information
2	technologies.
3	"(2) Impact of broadband availability,
4	SPEED, AND PRICE AND EMERGING INFORMATION
5	TECHNOLOGY DEPLOYMENT ON SMALL BUSI-
6	NESSES.—
7	"(A) In general.—Subject to appropria-
8	tions, the Chief Counsel for Advocacy shall con-
9	duct a study evaluating the impact of—
10	"(i) broadband availability, speed, and
11	price on small business concerns; and
12	"(ii) emerging information technology
13	deployment on small business concerns.
14	"(B) Report.—Not later than 3 years
15	after the date of enactment of the Small Busi-
16	ness Broadband and Emerging Information
17	Technology Enhancement Act of 2022, the
18	Chief Counsel for Advocacy shall submit to the
19	Committee on Commerce, Science, and Trans-
20	portation and the Committee on Small Business
21	and Entrepreneurship of the Senate and the
22	Committee on Energy and Commerce and the
23	Committee on Small Business of the House of
24	Representatives a report on the results of the
25	study under subparagraph (A), including—

1	"(i) a survey of broadband speeds
2	available to small business concerns;
3	"(ii) a survey of the cost of broadband
4	speeds available to small business con-
5	cerns;
6	"(iii) a survey of the type of
7	broadband technology used by small busi-
8	ness concerns;
9	"(iv) a survey of the types of emerg-
10	ing information technologies used by small
11	business concerns; and
12	"(v) any policy recommendations that
13	may improve the access of small business
14	concerns to comparable broadband services
15	or emerging information technologies at
16	comparable rates in all regions of the
17	United States.".
18	SEC. 3. ENTREPRENEURIAL DEVELOPMENT.
19	Section 21(c)(3)(B) of the Small Business Act (15
20	U.S.C. 648(c)(3)(B)) is amended—
21	(1) in the matter preceding clause (i), by insert-
22	ing "accessing broadband and other emerging infor-
23	mation technology," after "technology transfer,";
24	(2) in clause (ii), by striking "and" at the end

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1	(3) in clause (iii), by adding "and" at the end
2	and
3	(4) by adding at the end the following:
4	"(iv) increasing the competitiveness and
5	productivity of small business concerns by as-
6	sisting entrepreneurs in accessing broadband
7	and other emerging information technology;".