

## FOURTEENTH AMENDMENT

This FOURTEENTH AMENDMENT ("Amendment") is dated as of November 1, 2024 and is by and between The Quilt, Inc. ("Quilt") and Cogent Communications, LLC (formerly known as Cogent Communications, Inc.) ("Cogent").

WHEREAS, Quilt and Cogent are parties to the Quilt Vendor CIS Master Service Agreement, dated May 23, 2008 (the "Agreement"), pursuant to which Cogent provides commodity Internet services to certain specified authorized buyers; and

WHEREAS, Quilt and Cogent amended the Agreement by that certain First Amendment, dated August 25, 2008 ("First Amendment"); and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Second Amendment, dated August 20, 2010 ("Second Amendment"); and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Third Amendment, dated August 27, 2011 ("Third Amendment"); and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Fourth Amendment, dated May 30, 2012; and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Fifth Amendment, dated May 14, 2014; and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Sixth Amendment, dated June 27, 2016, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Seventh Amendment, dated June 30, 2017, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Eighth Amendment, dated August 22, 2017, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Ninth Amendment, dated April 25, 2018, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Tenth Amendment, dated May 15, 2020, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Eleventh Amendment, dated June 1, 2020, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Twelfth Amendment, dated May 1, 2022, and

WHEREAS, Quilt and Cogent amended the Agreement by that certain Thirteenth Amendment dated May 1, 2023, and

WHEREAS, for the promises contained herein and for other valuable consideration, Quilt and Cogent now wish to further amend the Agreement as follows.

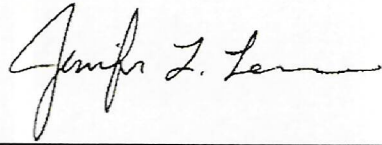
1. As part of the annual review of the services and pricing described in Section 3(a) of the Thirteenth Amendment, Exhibit B in the Agreement is deleted and replaced with the new Exhibit B, attached hereto.

All other terms and conditions of the Agreement shall remain unchanged and shall continue in full force and effect.

The Quilt, Inc.

Cogent Communications, LLC

By: \_\_\_\_\_

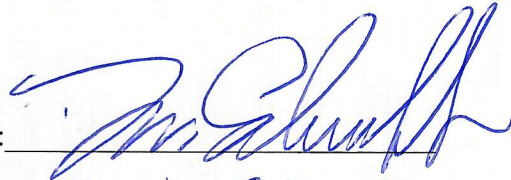


Name: Jennifer Leasure

Title: President

Date: October 8, 2024

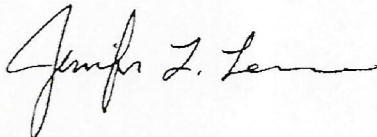
By: \_\_\_\_\_



Name: David Schaeffer

Title: President

Date: 10/11/2024





**Exhibit A**  
**AUTHORIZED QUILT BUYERS**  
**5/1/2024**

<b>1.00</b>	<b>Three Rivers Optical Exchange (3ROX)</b>
1.01	Pittsburgh Gigapop
1.02	Pittsburgh Supercomputing Center/Carnegie Mellon University
<b>2.00</b>	<b>Albuquerque Gigapop (ABQG)</b>
2.01	Regent of University of New Mexico
<b>3.00</b>	<b>Arkansas Research Education Optical Network (ARE-ON)</b>
<b>4.00</b>	<b>South Carolina Research and Education Network (C-Light)</b>
4.01	Benedict College
4.02	Claflin University
4.03	Clemson University
4.04	College of Charleston
4.05	Edward Via College of Osteopathic Medicine (VCOM)
4.06	Francis Marion University
4.07	Furman University
4.08	Medical University of South Carolina
4.09	North Greenville University
4.10	Presbyterian College
4.11	School District Pickens County
4.12	South Carolina State University
4.13	Tri-County Technical College
4.14	University Center Greenville
<b>5.00</b>	<b>Capital Area Advanced Research and Education Network (CAAREN)</b>
<b>6.00</b>	<b>Connecticut Education Network (CEN)</b>
6.01	University of Connecticut
6.02	Yale University
<b>7.00</b>	<b>Corp. for Education Network Initiative in California (CENIC)</b>
7.01	Stanford University
<b>8.00</b>	<b>Florida LambdaRail (FLR)</b>
8.01	Alachua County, Florida
8.02	Alan B Levan Broward Center of Innovation
8.03	<i>CyberRanger</i>
8.04	Barry University
8.05	Bay County Public Schools
8.06	Beacon College
8.07	Bethesda Health
8.08	Boca Raton Regional Hospital
8.09	Broward Center for the Performing Arts
8.10	Broward Health
8.11	Central Florida Health (now part of UFHealth @ the University of Florida)

8.12	City of Gainesville Engineering
8.13	City of Jacksonville
8.14	College of Central Florida
8.15	Daytona State College
8.16	Eckerd College
8.17	Embry Riddle Aeronautical University
8.18	Escambia County School District
8.19	Florida A&M University
8.20	Florida Atlantic University
8.21	Florida Department of Education ( <i>with downstream subscribers below</i> )
8.22	<i>Division of Blind Services</i>
8.23	Florida Gateway College
8.24	Florida Guardian Ad Litem
8.25	Florida Gulf Coast University
8.26	Florida Institute of Technology
8.27	Florida International University
8.28	Florida Polytechnic University
8.29	Florida Southwestern State College
8.30	Florida State College at Jacksonville
8.31	Florida State University
8.32	Gateway Institute for Brain Research
8.33	Gulf Coast State College
8.34	H. Lee Moffitt Cancer & Research Institute
8.35	Hernando County Clerk of the Court
8.36	Hillsborough Community College
8.37	Indian River State College
8.38	Jesse Ball duPont Foundation
8.39	Lake Sumter Community College
8.40	Lee County Clerk of the Court ( <i>downstream subscribers below</i> )
8.41	<i>City of Cape Coral</i>
8.42	<i>City of Cape Coral - Public Safety</i>
8.43	Max Planck Florida Corp. DBA Max Planck Florida Institute
8.44	Miami Dade College
8.45	NAP of Central Florida
8.46	National Oceanic and Atmospheric Administration
8.47	Northwest Regional Data Center ( <i>downstream subscribers below</i> )
8.48	<i>Florida Virtual Campus</i>
8.49	Nova Southeastern University (NSU)
8.50	Office of the State Courts Administrator, Florida
8.51	Orange County, Florida
8.52	Palm Beach County, Florida ( <i>downstream subscribers below</i> )
8.53	<i>ARC of Palm Beach County</i>
8.54	<i>Center for Family Services</i>
8.55	<i>Children's Services Council</i>
8.56	<i>City of Atlantis</i>
8.57	<i>City of Boynton Beach</i>
8.58	<i>City of Delray Beach</i>
8.59	<i>City of Greenacres</i>
8.60	<i>City of Lake Clark Shores</i>
8.61	<i>City of Lake Worth</i>
8.62	<i>City of Palm Beach Gardens</i>
8.63	<i>City of Riviera Beach</i>
8.64	<i>City of West Palm Beach</i>



8.65	<i>Early Learning Coalition</i>
8.66	<i>Families First of PBC</i>
8.67	<i>Health Care District</i>
8.68	<i>Jewish Federation of the Palm Beaches</i>
8.69	<i>Kravis Center</i>
8.70	<i>Lake Worth Drainage District</i>
8.71	<i>Loxahatchee Water District</i>
8.72	<i>Lutheran Services</i>
8.73	<i>Oxbridge Academy</i>
8.74	<i>Palm Beach County School District</i>
8.75	<i>Primetime, Inc.</i>
8.76	<i>Town of Juno Beach</i>
8.77	<i>Town of Jupiter</i>
8.78	<i>Town of Lantana</i>
8.79	<i>Village of Palm Springs</i>
8.80	<i>Village of Royal Palm Beach</i>
8.81	Palm Beach State College
8.82	Pasco-Hernando Community College
8.83	Pensacola State College
8.84	Polk State College
8.85	Rollins College
8.86	Santa Fe College
8.87	Sarasota County, Florida ( <i>downstream subscribers below</i> )
8.88	<i>City of Sarasota</i>
8.89	<i>Sarasota County School District</i>
8.90	Scripps Florida (now part of the University of Florida)
8.91	Southwest Florida Community Foundation DBA "The Collaboratory" ( <i>downstream subscribers below</i> )
8.92	<i>City of Fort Myers</i>
8.93	Seminole State College
8.94	St. Johns River State College
8.95	State College of Florida Manatee-Sarasota
8.96	Tallahassee Memorial Healthcare
8.97	University of Central Florida
8.98	University of Florida
8.99	University of Miami
8.100	University of North Florida
8.101	University of South Florida
8.102	University of West Florida
8.103	Valencia College

<b>9.00</b>	<b>Front Range Gigapop (FRGP) / UCAR</b>
9.01	Adams County
9.02	Adams County School District 14
9.03	Adams Twelve Five Star Schools
9.04	Akron School District
9.05	Ault-Highland School District
9.06	Auraria Higher Education Center (AHEC)
9.07	Boulder County
9.08	Boulder Regional Emergency Telephone Service Authority (BRETSA)
9.09	Briggsdale School District
9.10	Brush School District
9.11	Calhan School District

9.12	City of Boulder (CoB)
9.13	City of Fort Collins
9.14	City of Loveland
9.15	Clear Creek School District
9.16	Colorado College (CC)
9.17	Colorado Community College System (CCCS)
9.18	Colorado Mountain College (CMC)
9.19	Colorado School of Mines (CSM)
9.20	Colorado State Supreme Court
9.21	Colorado State University (Ft. Collins) (CSU-FC)
9.22	Colorado State University System (Pueblo) (CSU-P)
9.23	Community College of Denver
9.24	Crook County SD
9.25	Denver University (DU)
9.26	EAGLE-Net/Zayo
9.27	East Central Boards of Cooperative Educational Services (ECBOCES)
9.28	Elbert County School District Elizabeth C-1 (via FRII)
9.29	Elbert School District 200
9.30	Estes Park School District R-3
9.31	Fort Lewis College (FLC)
9.32	Frenchman School District
9.33	Front Range Community College
9.34	Hanover School District
9.35	Harrison School District
9.36	Haxtun School District
9.37	Hoehne School District R E 3
9.38	Holyoke School District
9.39	Jefferson County School District (JeffcoSD)
9.40	Johnson & Wales University (JWU)
9.41	Julesburg School District
9.42	Keenesburg School District Re 3 J
9.43	La Veta School District Re 2
9.44	Laramie HS
9.45	Larimer County
9.46	Littleton School District 6
9.47	Lone Star School District
9.48	Mesa Valley School District 51
9.49	Metropolitan State University of Denver (MSUD)
9.50	Miami-Yoder School District 60 Jt
9.51	Monte Vista School District C 8
9.52	NWCCOG
9.53	National Ecological Observatory Network (NEON)
9.54	National Oceanic and Atmospheric Administration (NOAA)
9.55	National Renewable Energy Network Laboratory (NREL)
9.56	Navajo Technical University (NTU)
9.57	Northeast Colorado Boards of Cooperative Educational Services (NEBOCES)
9.58	Norwood School District
9.59	Otis School District
9.60	Park School District (Estes Park)
9.61	Peyton School District
9.62	Pikes Peak BOCES
9.63	Platte River Power Authority
9.64	Platte Valley School District



9.65	Platte Valley Schools
9.66	Poudre School District
9.67	Poudre Valley Health System
9.68	Rangely School District
9.69	Region10
9.70	Ridgway School District R 2
9.71	Silverton School District 1
9.72	St Vrain Valley School District
9.73	State of Colorado (StateCO)
9.74	State of Wyoming
9.75	State of Wyoming Department A&I
9.76	Steamboat Springs School District Re 2
9.77	Sweetwater School District #1
9.78	Sweetwater School District #2
9.79	The State Higher Education Policy Center (SHEPC)
9.80	United States Air Force Academy (USAFA)
9.81	United States Department of Agriculture (I2-USDA)
9.82	University Corporation for Atmospheric Research (UCAR)
9.83	University Information Systems (UIS)
9.84	University NAVSTAR Consortium (UNAVCO)
9.85	University of Colorado - Boulder (CU-B)
9.86	University of Colorado - Colorado Springs (CU-CS)
9.87	University of Colorado - Denver (CU-D)
9.88	University of Northern Colorado (UNC)
9.89	University of Wyoming (U of WY)
9.90	Valley School District R E 1
9.91	Weld County School District RE-1 (Gilcrest)
9.92	Weld County School District RE-3J (Keenesburg)
9.93	Western Colorado University
9.94	Widefield School District 3
9.95	Wray School District
9.96	Wyoming Community College Commission
9.97	Wyoming Community Colleges
9.98	Wyoming Higher Education Computer Network
9.99	Wyoming Supreme Court
9.100	wyoming.com
9.101	Yuma School District #1

<b>10.00</b>	<b>Great Plains Network</b>
10.01	South Dakota Board of Regents
10.02	South Dakota School of Mines and Technology
10.03	University of Nebraska
10.04	University of Nebraska Medical Center
10.05	University of Kansas Center for Research

<b>11.00</b>	<b>Illinois Century Network</b>
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<b>12.00</b>	<b>Indiana Gigapop</b>
12.01	Washington University in St. Louis

<b>13.00</b>	<b>IRON</b>
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<b>14.00</b>	<b>KanREN</b>
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<b>15.00</b>	<b>Kentucky Regional Optical Network (KyRON)</b>
15.01	Eastern Kentucky University
15.02	Kentucky Community and Technical College System
15.03	Kentucky State University
15.04	Morehead State University
15.05	Murray State University
15.06	Northern Kentucky University
15.07	University of Kentucky
15.08	University of Louisville
15.09	Western Kentucky University

<b>16.00</b>	<b>KINBER</b>
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<b>17.00</b>	<b>LEARN: Lonestar Education and Research Network</b>
17.01	Angelo State University
17.02	Baylor College of Medicine
17.03	Baylor University
17.04	Blinn College
17.05	Lamar University
17.06	National Oceanic & Atmospheric Administration (NOAA)
17.07	Parker University
17.08	Prairie View A&M University
17.09	Rice University
17.10	Sam Houston State University
17.11	South Plains College
17.12	Southern Methodist University
17.13	Stephen F. Austin State University
17.14	Tarrant County College District
17.15	Texas A&M Health Science Center
17.16	Texas A&M University
17.17	Texas A&M University - Corpus Christi
17.18	Texas A&M University System
17.19	Texas Christian University
17.20	Texas Education Telecommunications Network (TETN)
17.21	Texas State Library & Archives Commission (TSLAC)
17.22	Texas State University
17.23	Texas Tech University
17.24	Texas Tech University Health Sciences Center
17.25	Texas Tech University Health Sciences Center El Paso
17.26	Texas Tech University System
17.27	Texas Woman's University
17.28	Trinity University
17.29	University of Houston System
17.30	University of North Texas System
17.31	University of Texas at Arlington
17.32	University of Texas at Austin
17.33	University of Texas at Dallas
17.34	University of Texas at El Paso
17.35	University of Texas at San Antonio
17.36	University of Texas Health Science Center at Houston
17.37	University of Texas Health Science Center at San Antonio
17.38	University of Texas Health Science Center at Tyler



17.39	University of Texas MD Anderson Cancer Center
17.40	University of Texas Medical Branch at Galveston
17.41	University of Texas Rio Grande Valley
17.42	University of Texas Southwestern Medical Center at Dallas
17.43	University of Texas System

<b>18.00</b>	<b>Link Oregon</b>
18.01	Link Oregon (Oregon Fiber Partnership)
18.02	Oregon Health & Science University (OHSU)
18.03	Oregon State University
18.04	Portland State University
18.05	State of Oregon, Enterprise Information Services
18.06	University of Oregon (OWEN/NERO/Oregon Gigapop)

<b>19.00</b>	<b>Louisiana Optical Network Infrastructure (LONI)</b>
19.01	Lousiana State University

<b>20.00</b>	<b>MARIA</b>
20.01	City of Alexandria
20.02	City of Harrisonburg
20.03	Christopher Newport University
20.04	College of William and Mary
20.05	Fairfax County Public School District
20.06	George Mason University
20.07	Hampton University
20.08	Longwood University
20.09	Norfolk State University Research and Innovation Foundation
20.10	Old Dominion University
20.11	Radford University
20.12	Thomas Jefferson High School for Science and Mathematics
20.13	University of Mary Washington
20.14	University of Richmond
20.15	University of Virginia
20.16	Virginia Commonwealth University
20.17	Virginia Community College System
20.18	Virginia Science Museum
20.19	Virginia Tech
20.20	Virginia Tech Corporate Research Center (VTCRC)

<b>21.00</b>	<b>Mid-Atlantic Crossroads (MAX)</b>
21.01	Arlington County, Virginia
21.02	Catholic University
21.03	Federal Highway Administration - Turner-Fairbank Research Center
21.04	George Washington University
21.05	Johns Hopkins University
21.06	Johns Hopkins University - Applied Physics Laboratory (JHU-APL)
21.07	Laboratory for Telecommunications Sciences (LTS)
21.08	Library of Congress
21.09	NASA / GSFC
21.10	National Consortium for Supercomputing Applications / ACCESS
21.11	National Institute of Standards and Technology (NIST)

21.12	National Institutes of Health (NIH)
21.13	National Library of Medicine (NLM)
21.14	National Oceanic and Atmospheric Administration (NOAA)
21.15	National Science Foundation (NSF)
21.16	Naval Research Lab (NRL)
21.17	Network Maryland
21.18	Northrop Grumman
21.19	Pennsylvania State University
21.20	Space Telescope Science Institute
21.21	Uniformed Services University of the Health Sciences (USUHS)
21.22	Univ. System of Maryland Network (aggregating 11 campuses)
21.23	University of California, D.C. campus
21.24	University of Maryland, Baltimore (UMB)
21.25	University of Maryland, Baltimore County (UMBC)
21.26	University of Maryland, Global Campus (UMGC, was UMUC)
21.27	University of Maryland, University College
21.28	University of Maryland, College Park (UMD)
21.29	University of Southern California, Information Sciences Institute / East
21.30	USDA, Beltsville Agricultural Research Center
22.00	<b>Maryland Research and Education Network (MDREN)</b>
23.00	<b>Merit Network, Inc. (Merit)</b>
24.00	<b>Missouri Research and Education Network (MOREnet)</b>
25.00	<b>Metropolitan Research and Education Network (MREN)</b>
25.01	Bradley University
25.02	De Paul University
25.03	Illinois Institute of Technology
25.04	Illinois State University
25.05	Iowa State
25.06	Loyola University
25.07	National Center for Supercomputing Applications (NCSA)
25.08	Northern Illinois University
25.09	Northwestern University
25.10	Notre Dame
25.11	Purdue University
25.12	Southern Illinois University
25.13	Univ. of Chicago
25.14	Univ. of Illinois at Chicago
25.15	University of Illinois at Champaign-Urbana
25.16	University of Iowa
25.17	University of Wisconsin (Madison & Milwaukee)
25.18	Illinois Rural HealthNet
25.19	Iowa HealthNet
25.20	Columbia College
25.21	Lurie Childrens Hospital
25.22	Art Institute
25.23	Illinois Labs Advanced Net
26.00	<b>North Carolina Research and Education Network (NCREN / MCNC)</b>



<b>27.00</b>	<b>Networkmaine</b>
27.01	University of Maine System
27.02	Maine State Government
27.03	Bowdoin College
27.04	Bates College
27.05	Colby College

<b>28.00</b>	<b>NevadaNet</b>
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<b>29.00</b>	<b>New Jersey Research and Education Network (NJEdge)</b>
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<b>30.00</b>	<b>Northern Lights GigaPoP</b>
30.01	Concordia College
30.02	Gustavus Adolphus College
30.03	Macalester College
30.04	Northwestern College
30.05	St. Olaf College
30.06	University of St. Thomas
30.07	Augsburg College
30.08	Bethel University
30.09	Carleton College
30.10	College of St. Catherine
30.11	Concordia University
30.12	Hamline University
30.13	North Dakota STAGENet State Network
30.14	North Dakota State University
30.15	Ties
30.16	University of Minnesota
30.17	University of North Dakota
30.18	Luther Seminary

<b>31.00</b>	<b>Northern Crossroads (NoX)</b>
31.01	BBN
31.02	Bentley College
31.03	Boston College
31.04	Boston Museum of Science
31.05	Boston University
31.06	Brandeis University
31.07	Broad Institute
31.08	Brown University
31.09	Connecticut Education Network (CEN)
31.10	Dartmouth College
31.11	EBSCO
31.12	Emerson College
31.13	Harvard University
31.14	Lasell College
31.15	Massachusetts Institute of Technology (MIT)
31.16	MIT-Lincoln Labs
31.17	Northeastern University
31.18	OSHEAN
31.19	Tufts University
31.20	University of Maine (NetworkMaine)
31.21	University of Massachusetts - Information Technology Services (Umass - ITS)

31.22	University of Massachusetts-Amherst
31.23	University of New Hampshire (State of NH)
31.24	University of Rhode Island
31.25	University of Vermont (State of VT)
31.26	Wellesley College
31.27	Woods Hole Institute (WHOI)
31.28	Worcester Polytechnic Institute

<b>32.00</b>	<b>NYSERNet</b>
32.01	Albert Einstein College of Medicine
32.02	Alfred State College
32.03	Alfred University
32.04	American Museum of Natural History
32.05	American University of Beirut
32.06	Binghamton University
32.07	Broome-Tioga BOCES
32.08	Brown University
32.09	Buffalo State College
32.10	Canisius College
32.11	Capital Region BOCES
32.12	City University of New York
32.13	Clarkson University
32.14	Colgate University
32.15	Columbia University
32.16	Cornell University
32.17	D'Youville College
32.18	Daemen College
32.19	Erie Community College
32.20	Erie / 1 BOCES
32.21	Excelsior University
32.22	Farmingdale State College
32.23	Fordham University
32.24	The Frick Collection
32.25	Greater Southern Tier BOCES – GSTRIC
32.26	Hamilton College
32.27	Herkimer College
32.28	Hofstra University
32.29	Hospital for Special Surgery
32.30	IBM Thomas J. Watson Research Center
32.31	Icahn School of Medicine at Mt. Sinai
32.32	LeMoyne College
32.33	Long Island University
32.34	Lower Hudson Regional Information Center (LHRIC)
32.35	Manhattan College
32.36	Marist College
32.37	Mohawk Regional Information Center/Madison-Oneida BOCES
32.38	Monroe 1 BOCES - Monroe RIC
32.39	Museum of Modern Art (MoMA)
32.40	New York Genome Center
32.41	New York Presbyterian Hospital
32.42	New York Structural Biology Center
32.43	New York State Department of Health: Wadsworth Center
32.44	New York University



32.45	NYSERNET, Inc.
32.46	OCM BOCES/Central New York Regional Information Center
32.47	Pratt Institute
32.48	Princeton University
32.49	Rensselaer Polytechnic Institute
32.50	Rochester Institute of Technology
32.51	Rockefeller University
32.52	Saint John Fisher College
32.53	Saint John's University
32.54	Saint Lawrence University
32.55	Skidmore College
32.56	Siena College
32.57	South Central Regional Information Center (SCRIC)
32.58	(SUNY) at Canton
32.59	(SUNY) at Cortland
32.60	(SUNY) College of Environmental Science and Forestry
32.61	(SUNY) at Geneseo
32.62	(SUNY) Information Technology Exchange Center (ITEC)
32.63	(SUNY) at Old Westbury
32.64	(SUNY) at Oneonta
32.65	(SUNY) at Oswego
32.66	(SUNY) at Potsdam
32.67	(SUNY) at Stony Brook University
32.68	(SUNY) Upstate Medical
32.69	Syracuse City School District (SCSD)
32.70	Syracuse University
32.71	The College at Brockport and SUNY Brockport
32.72	The College of Saint Rose
32.73	The New School
32.74	The United States Military Academy at West Point
32.75	Touro College & University System
32.76	Union College
32.77	University at Albany (SUNY)
32.78	University at Buffalo (SUNY)
32.79	University of Delaware
32.80	University of Rochester
32.81	Vassar College
32.82	Weill Medical College – Qatar
32.83	Weill Medical College of Cornell University
32.84	Wells College
32.85	Yeshiva University
33.00	OARnet
34.00	OneNet--Oklahoma State Regents for Higher Education
35.00	OSHEAN
35.01	Academy For Career Exploration
35.02	Administrative Office of State Courts
35.03	All Saints Academy School
35.04	Aquidneck Light
35.05	Association of Independent Colleges and Universities
35.06	Axia

35.07	Barrington Christian Academy
35.08	Barrington School Department
35.09	Bishop McVinney School
35.10	Blackstone Valley Prep Mayoral Academy
35.11	Blessed Sacrament School
35.12	Block Island Medical Center (New Shoreham)
35.13	Block Island School
35.14	Block Island Utility District
35.15	Blue Cross Blue Shield of Rhode Island
35.16	Bristol Warren School Districts
35.17	Brown University
35.18	Bryant University
35.19	Care New England
35.20	Central Falls School District
35.21	Chariho School District
35.22	City of Newport
35.23	City of Providence
35.24	City of Warwick
35.25	City of Woonsocket
35.26	Community Care Alliance
35.27	Community College of Rhode Island
35.28	Coventry School District
35.29	Cranston School District
35.30	Davies Career-Tech High School
35.31	East Bay Educational Collaborative School
35.32	East Greenwich School District
35.33	Eleanor Briggs School
35.34	Exeter/ West Greenwich School District
35.35	Father John Doyle School
35.36	Fitchburg State University
35.37	Foster Gloucester Regional Schools
35.38	FSRI
35.39	Greenville School
35.40	Harmony Hill School
35.41	Highlander Institute
35.42	Innovate Newport
35.43	International Charter School
35.44	Jamestown Municipal
35.45	Jamestown School District
35.46	Johnson & Wales University
35.47	Johnston School District
35.48	LaSalle Academy
35.49	Lifespan
35.50	Lincoln School District
35.51	Little Compton Public Schools
35.52	Mercymount Country Day School
35.53	Middletown Municipal
35.54	Middletown School District
35.55	Moses Brown School
35.56	Mount Pleasant Academy
35.57	Mount Saint Charles Academy
35.58	Narragansett School District
35.59	Naval Undersea Warfare Center



35.60	Naval War College
35.61	NeighborWorks
35.62	New England Institute of Technology
35.63	Newport Art Museum
35.64	Newport Municipal
35.65	Newport Preservation Society
35.66	Newport School District
35.67	North Kingstown Municipal
35.68	North Kingstown School District
35.69	North Providence School District
35.70	North Smithfield School Department
35.71	Northern Rhode Island Collaborative
35.72	Ocean State Libraries
35.73	Our Lady of Mount Carmel School
35.74	Paul Cuffee Schools
35.75	Pawtucket School District
35.76	Pennfield School
35.77	Portsmouth Abbey School
35.78	Portsmouth School District
35.79	Prospect Medical Holdings (PMH)
35.80	Providence Athenaeum
35.81	Providence Center School
35.82	Providence College
35.83	Providence Public Libraries
35.84	Providence School District
35.85	Redwood Library and Athenaeum
35.86	Rhode Island Attorney General's Office
35.87	Rhode Island College
35.88	Rhode Island Community Food Bank
35.89	Rhode Island Department of Education
35.90	Rhode Island Department of Environmental Management
35.91	Rhode Island Department of Transportation
35.92	Rhode Island E911 Uniform Emergency Telephone System
35.93	Rhode Island Housing
35.94	Rhode Island Public Broadcasting System
35.95	Rhode Island Public Radio - RINPR
35.96	Rhode Island Quality Institute
35.97	Rhode Island School for the Deaf
35.98	Rhode Island School of Design
35.99	Rhode Island Secretary of State
35.100	Rhode Island Turnpike and Bridge Authority
35.101	RI Emergency Management Agency
35.102	RI Higher Education Assistance Authority (RIHEAA)
35.103	RI Public Defender
35.104	Riverside School
35.105	Rocky Hill School
35.106	Roger Williams University
35.107	Salve Regina University
35.108	San Miguel School
35.109	Scituate Public Schools
35.110	Smithfield School District
35.111	Sophia Academy
35.112	South County Hospital

35.113	South Kingstown School District
35.114	South Providence Library
35.115	St Michael's Country Day School
35.116	St. Augustine School
35.117	St. Georges School
35.118	St. Luke's School
35.119	St. Mary Academy Bay View School
35.120	St. Mary Elementary School
35.121	St. Mary's Home For Children School
35.122	St. Patrick Academy
35.123	St. Raphael Academy School
35.124	St. Rocco School
35.125	St. Rose of Lima School
35.126	State of Rhode Island - Department of IT
35.127	State of Rhode Island - Legislative Data Systems
35.128	Stonehill College
35.129	Taunton Municipal Lighting Plant
35.130	Tech Collective
35.131	The Lincoln School (Private)
35.132	The Prout School
35.133	The Providence Athenaeum Library
35.134	Thundermist
35.135	Tiverton School District
35.136	Town of Barrington
35.137	Town of Bristol
35.138	Town of Burrillville
35.139	Town of Charlestown
35.140	Town of Coventry
35.141	Town of East Greenwich
35.142	Town of New Shoreham
35.143	Town of Portsmouth
35.144	Town of Scituate
35.145	Trinity Academy for the Performing Arts School
35.146	Trudeau Center
35.147	University of Rhode Island
35.148	University of Massachusetts Dartmouth
35.149	Urban Collaborative Accelerated Program School
35.150	Volute
35.151	Warwick School District
35.152	West Warwick School District
35.153	Westerly School District
35.154	Wheaton College
35.155	Wheeler School
35.156	Woonsocket School District

<b>36.00</b>	<b>Pacific Northwest Gigapop (PNWGP)</b>
36.01	University of Hawaii
36.02	University of Washington

<b>37.00</b>	<b>Southern Crossroads (SoX)</b>
37.01	Southern Light Rail

<b>38.00</b>	<b>Sun Corridor Network</b>
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38.01	University of Arizona
38.02	Arizona State University
38.03	Northern Arizona University

<b>39.00</b>	<b>UMass Net</b>
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<b>40.00</b>	<b>Utah Education Network (UEN)</b>
40.01	University of Montana
40.02	University of Utah

<b>41.00</b>	<b>WiscNet</b>
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<b>42.00</b>	<b>West Virginia Network (WVNET)</b>
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## Exhibit B Cogent Pricing

The pricing in Exhibit B represents port pricing for all Cogent Layer 3 Dedicated Internet Access Ethernet products. Pricing in Exhibit B is available to any Quilt member as they complete existing contract terms. After completion of an initial term, Quilt members can elect month-to-month renewal terms for all On-Net products without a corresponding increase in price. For Off-Net products, Cogent will attempt to provide month-to-month renewal terms upon request, but is restricted to loop provider terms.

Where available, Quilt members can elect to purchase burstable circuits. The burst price per Mb is in the pricing table below is in addition to the price for the committed bandwidth. Actual usage for individual burstable circuits is billed at the 90<sup>th</sup> percentile. Actual usage across multiple circuits is summed billed at the 90th percentile or aggregately billed at the 95th percentile.

On a first-come-first serve basis, Cogent will waive all charges for BGP4 and BGP6 (up to 25 ASNs per member), Layer3 VLANs (up to 25 per member), and IPv6 allocation orders.

Quilt members should contact the account manager or other sales representative for additional product information (e.g., minimum bandwidth commitment, burstability, and available bandwidth increments).

Most 100G and all 400G ports are considered on an Individual Case Basis to determine availability.

All Cogent On-Net buildings are capable of accepting dark fiber handoffs on an Individual Case Basis.

Applicable MRC/NRC fees may include x-connect charges to extend service from Cogent's cabinet within a data center facility to the dark fiber providers equipment. In Corporate locations NRCs vary widely due to riser distances.

Aggregate Bandwidth (Gbps)		Price Per Mbps (1 YR Term)	Price Per Mbps (2 YR Term)	Price Per Mbps (3 YR Term)	Burst Price Per Mbps*
From	To	<ul style="list-style-type: none"> <li>1,000M GE</li> <li>1,000M on 10GE</li> <li>2,000M on 10GE</li> <li>5,000M on 10GE</li> <li>10,000M on 10GE</li> <li>10,000M on 100GE</li> <li>20,000M on 100GE</li> <li>50,000M on 100GE</li> <li>100,000M on 100GE</li> <li>400GE</li> </ul>	<ul style="list-style-type: none"> <li>1,000M GE</li> <li>1,000M on 10GE</li> <li>2,000M on 10GE</li> <li>5,000M on 10GE</li> <li>10,000M on 10GE</li> <li>10,000M on 100GE</li> <li>20,000M on 100GE</li> <li>50,000M on 100GE</li> <li>100,000M on 100GE</li> <li>400GE</li> </ul>	<ul style="list-style-type: none"> <li>1,000M GE</li> <li>1,000M on 10GE</li> <li>2,000M on 10GE</li> <li>5,000M on 10GE</li> <li>10,000M on 10GE</li> <li>10,000M on 100GE</li> <li>20,000M on 100GE</li> <li>50,000M on 100GE</li> <li>100,000M on 100GE</li> <li>400GE</li> </ul>	<ul style="list-style-type: none"> <li>GE</li> <li>10GE</li> <li>100GE</li> <li>400GE</li> </ul>
0	1000	\$0.07	\$0.07	\$0.07	\$0.05
1001	1500	\$0.065	\$0.065	\$0.065	\$0.05
1501	2000	\$0.06	\$0.06	\$0.06	\$0.05
2001	2500	\$0.055	\$0.055	\$0.055	\$0.05
2501	3000	\$0.05	\$0.05	\$0.05	\$0.05

*Tier 1001 - 1500 is the current reported pricing with Cogent.*



Example	Port Types			
Burst Pricing	GE 10GE 100GE 400GE	Current Price Per Mbps = \$0.08	Burst Price Per Mbps = \$0.05	Total Burst Price Per Mbps = \$0.13

*\*Burst Price Per Meg is in addition to Port Price Per Meg (example above)*

Standard Port NRC			
Locations	MTOB	CNDC	Off-Net
1G	\$500	\$500	N/A
10G	ICB	\$750	N/A
100G	ICB	ICB	N/A
400G	ICB	ICB	N/A
Link Aggregation	ICB	\$625	N/A

*Standardized Port NRC where applicable*

Off-Net Port Pricing	Price Per Mbps (1 YR Term)	Price Per Mbps (2 YR Term)	Price Per Mbps (3 YR Term)	Burst Price Per Mbps and NRC
	• 1,000M GE - \$0.90	• 1,000M GE - \$0.80	• 1,000M GE - \$0.70	ICB
	• 2,000M on 10GE - \$0.85	• 2,000M on 10GE - \$0.75	• 2,000M on 10GE - \$0.675	ICB
	• 5,000M on 10GE - \$0.42	• 5,000M on 10GE - \$0.37	• 5,000M on 10GE - \$0.33	ICB
	• 10,000M on 10GE - \$0.25	• 10,000M on 10GE - \$0.22	• 10,000M on 10GE - \$0.19	ICB

*Off-Net Port Pricing Structure. Loop/Third Party Access  
NRC/NRC pricing not included*



IPv4 Price List (MTM Term Only)		MTM Term or 1,2,3,4,5 Year Term	Cogent provides a /31 at no charge for DIA ports
Block Size	Number of IP Addresses	MRC	NRC
/31	2	\$25	\$0
/30	4	\$50	\$0
/29	8	\$112.50	\$0
/28	16	\$112.50	\$0
/27	32	\$112.50	\$0
/26	64	\$112.50	\$0
/25	128	\$112.50	\$0
/24	256	\$112.50	\$0
/23	512	\$225	\$0
/22	1024	\$450	\$0
/21	2048	\$900	\$0
/20	4096	\$1,800	\$0
/19	8192	\$3,600	\$0
/18	16,384	\$7,200	\$0
/17	32,768	\$14,400	\$0
/16	65,536	\$28,800	\$0

*For customers requiring for technical reasons on a port an additional /31 to connect to Cogent, a separate /31 order at \$0 (zero) MRC/NRC can be placed to create a /30.*

IPv4 /15 or Larger Allocations	Install Fee: Non- Recurring Cost (NRC)	Monthly Recurring Charge (MRC)
		Price per IP for IPv4 Allocations based on term length
/15	\$0	1-yr: \$0.45 per IP per month 2-yr: \$0.45 per IP per month 3-yr: \$0.45 per IP per month 4-yr: \$0.45 per IP per month 5-yr: \$0.45 per IP per month
/14	\$0	1-yr: \$0.45 per IP per month 2-yr: \$0.45 per IP per month 3-yr: \$0.45 per IP per month 4-yr: \$0.45 per IP per month 5-yr: \$0.45 per IP per month

*Greater than a /15 Pricing structure on an ICB basis and additional IP allocation comments  
IPv6 (/48 only) is available free of charge for a DIA port*

Additional Items
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*On a first-come-first serve basis, Cogent will waive all charges for  
BGP4 and BGP6 (up to 25 ASNs per member), and Layer3 VLANs (up to 25 per member)*



## **Security Services**

Cogent does not offer a security service product. Cogent has a dedicated abuse team which ensures there are no egregious misuses of the network, including spamming and DDoS attacks. Cogent provides a Blackhole server and BGP communities for addressing DDoS attacks. Customers advertise affected prefixes to the Blackhole server via a BGP session to null route traffic up to a per IP basis up.