State Level Cybersecurity Workforce Initiatives

This document provides supplemental information for each state that highlights cybersecurity specific workforce development initiatives and participating institutions.

States

Alabama

- MS-ISAC link http://www.cybersecurity.alabama.gov/ - no specific workforce initiatives noted
- CAE schools

Institution	Designation	Designated	Expiration
Auburn University	CAE-CDE 4Y	2014	2020
	CAE-R	2014	2019
Jacksonville State University	CAE-CDE 4Y	2014	2021
Northeast Alabama Community College	CAE-CDE 2Y	2014	2019
Snead State Community College	CAE/IAE 2Y	2012	2017
The University of Alabama	CAE-R	2014	2019
The University of Alabama at Birmingham	CAE-IA-R	2012	2017
	CAE-R	2014	2019
Tuskegee University	CAE/IAE 4Y	2012	2017
University of Alabama, Huntsville	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of South Alabama	CAE-CDE 4Y	2014	2021

Alaska

- MS-ISAC link broken
- No specific cybersecurity workforce initiatives noted discovered
- some cybersecurity coverage via e-newsletters found on http://doa.alaska.gov/ets/security/newsletters/
- No CAE schools

Arizona

- https://aset.az.gov/security - no specific workforce initiatives noted

Institution	Designation	Designated	Expiration
Arizona State University	CAE/IAE 4Y	2012	2017

www.csrc.nist.gov/nice

	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Estrella Mountain Community College	CAE-CDE 2Y	2014	2019
The University of Arizona, Tucson	CAE-CDE 4Y	2014	2021
University of Advancing Technology	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2020

Arkansas

- http://www.adem.arkansas.gov/AEM/index.php - Department of Emergency Management Site – no specific cybersecurity workforce initiatives noted

Institution	Designation	Designated	Expiration
University of Arkansas	CAE-IA-R	2012	2017
	CAE-R	2014	2019
University of Arkansas at Little Rock	CAE-CDE 4Y	2014	2021

California

- Cybersecurity Task Force http://www.caloes.ca.gov/for-individuals-families/cybersecurity-task-force
  - Workforce Development and Education Subcommitee Objective 1 - Develop a consistent definition and criteria for cybersecurity expertise to serve the State of California http://www.caloes.ca.gov/cal-oes-divisions/Cybersecurity-Task-Force/Task-Force-Subcommittees/Workforce-Development-and-Education-Subcommittee
- MS-ISAC link http://www.cio.ca.gov/ois/
- https://oag.ca.gov/cybersecurity
- The California Apprenticeship Initiative (CAI) Grant from the Community College Chancellor's Office to define, develop, and deploy a cybersecurity apprenticeship program. http://extranet.cccco.edu/Divisions/WorkforceandEconDev/PolicyAlignmentandOutreach/Apprenticeship.aspx

Institution	Designation	Designated	Expiration
California State Polytechnic University, Pomona	CAE-CDE 4Y	2014	2021
California State University, Sacramento	CAE/IAE 4Y	2012	2017
California State University, San Bernardino	CAE-CDE 4Y	2014	2021
Coastline Community College	CAE-CDE 2Y	2014	2019
National University	CAE-CDE 4Y	2014	2020
Naval Postgraduate School	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
San Jose State University	CAE-CDE 4Y	2014	2019
University of California, Davis	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of California, Irvine	CAE-R	2014	2019

Colorado

- MS-ISAC link http://www.oit.state.co.us/ois

- In December 2015, Governor John Hickenlooper declared Colorado Springs as America's Cyber Capital, launching an initiative to focus Colorado's economic development efforts in cyber in the region.7 Employers, workforce planners, and education stakeholders recognize that these new investments in the cybersecurity sector reflect the importance of entry-level positions and a mature career pathway as a critical workforce development element. As part of Governor Hickenlooper's initiative, Pikes Peak Community College (PPCC) leaders agreed to develop a new cybersecurity associate degree program, supplemented by non-credit industry certification programs that would help to develop a qualified workforce quickly.

Institution	Designation	Designated	Expiration
Colorado School of Mines	CAE-CDE 4Y	2016	2021
Colorado State University-Pueblo	CAE-CDE 4Y	2016	2021
Colorado Technical University	CAE-CDE 4Y	2014	2021
Regis University	CAE/IAE 4Y	2012	2017
United States Air Force Academy	CAE-CDE 4Y	2014	2021
University of Colorado, Colorado Springs	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
University of Denver	CAE-CDE 4Y	2014	2020

Connecticut

- MS-ISAC link http://www.ct.gov/best/cwp/view.asp?a=1244&Q=301858
- House Bill No. 6317, Special Act No. 15-13 Be it enacted by the Senate and House of Representatives in General Assembly convened: Section 1. (Effective from passage) (a) The Department of Administrative Services, in consultation with the Department of Emergency Services and Public Protection, shall, within available appropriations, conduct a study to identify cybersecurity issues facing the state and to make recommendations regarding specific actions that the state can implement to promote and coordinate communication between government entities, law enforcement, institutions of higher education, the private sector and the public to improve cybersecurity preparedness. (b) Not later than January 1, 2017, the Department of Administrative Services shall submit the results of such study and any recommendations to the joint standing committee of the General Assembly having cognizance of matters relating to public safety and security, in accordance with the provisions of section 11-4a of the general statutes. The UNH team has met and discussed House Bill No. 6317

Institution	Designation	Designated	Expiration
University of Connecticut	CAE-R	2014	2019

Delaware

- University of Delaware Cybersecurity Initiative (UDCSI) - The UD Cybersecurity Initiative (UDCSI) was established in 2014 as a partnership among the state, the University, federal agencies, and the private sector to advance education, training, and research for understanding, defining, addressing, and solving cybersecurity problems. UDCSI programs feature handson practical applications, a strong faculty, distinguished lectures series, and fundamental research focused on developing solutions to advancing threats, best practices and standard protocols for optimal security so that every type and size of business can protect itself. The Initiative works closely with the University's cybersecurity undergraduate minor and Masters' program, and is actively developing a state-supported cybersecurity range that will enable simulations which prepare existing and future cyber-professionals for real world

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situations. The University of Delaware is accredited through the National Security Agency and the Department of Homeland Cyber Defense Education as a National Center of Academic Excellence in Cyber Defense Education through academic year 2021. UD's status as a CAE and the UDCSI's ongoing initiatives will serve as key resources available for assisting DACEE in the achievement of its goals.

- Under the leadership of Governor Markell, the State of Delaware has established several cyber-related initiatives in addition to its support for the UDCSI cybersecurity range. Executive Order 55 established the Delaware Cyber Security Council to promote cybersecurity partnerships among higher education, government, and small and large businesses and make recommendations on best practices for advancing security in Delaware. UDCSI's Director serves on the Council and will seek to engage members of this Council in the work of DACEE. The Governor also initiated the Delaware Blockchain Initiative to advance the State's standing as a desirable, efficient location to incorporate.
- Delaware TechHire Initiative
- Cyber Camp: Each summer the University of Delaware sponsors a US Cyber Challenge cybersecurity boot-camp that provides a week of workshops, skill building, a job fair, and a capture the flag competition. This program is aimed as high school, undergraduate, and graduate participants and is used as an outreach and recruitment platform.

Institution	Designation	Designated	Expiration
University of Delaware	CAE-CDE 4Y	2016	2021
Wilmington University	CAE-CDE 4Y	2014	2021

District of Columbia

Institution	Designation	Designated	Expiration
Georgetown University	CAE-R	2016	2021
The George Washington University	CAE-R	2014	2019

Florida

- New Skills for a New Fight (NSNF), a no-cost cybersecurity training and certification program for selected military veterans http://thefc2.org/education/forveterans.aspx

Institution	Designation	Designated	Expiration
Daytona State College	CAE-CDE 4Y	2016	2021
Embry-Riddle Aeronautical University - Daytona Beach Campus	CAE-CDE 4Y	2016	2021
Florida A&M University	CAE/IAE 4Y	2012	2017
Florida Atlantic University	CAE-IA-R	2012	2017
	CAE-R	2014	2019
Florida Institute of Technology	CAE-R	2014	2019
Florida International University	CAE-CDE 4Y	2014	2019
	CAE-R	2016	2021
Florida State University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Nova Southeastern University	CAE-CDE 4Y	2014	2021

Institution	Designation	Designated	Expiration
Saint Leo University	CAE-CDE 4Y	2016	2021
University of Central Florida	CAE-CDE 4Y	2016	2021
University of Florida	CAE-R	2014	2019
University of South Florida	CAE-CDE 4Y	2014	2019
University of West Florida	CAE-CDE 4Y	2016	2021
Valencia College	CAE/IAE 2Y	2012	2017

Georgia

Institution	Designation	Designated	Expiration
Armstrong State University	CAE-CDE 4Y	2016	2021
Augusta University	CAE-CDE 4Y	2016	2021
Columbus State University	CAE-CDE 4Y	2016	2021
Georgia Institute of Technology	CAE-R	2014	2019
Kennesaw State University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
University of North Georgia	CAE-CDE 4Y	2016	2021

Hawaii

Institution	Designation	Designated	Expiration
Honolulu Community College	CAE-CDE 2Y	2014	2021
University of Hawaii – West Oahu	CAE-CDE 4Y	2016	2021
University of Hawaii at Manoa	CAE-R	2014	2019

Idaho

Institution	Designation	Designated	Expiration
Idaho State University	CAE-CDE 4Y	2014	2020
University of Idaho	CAE-CDE 4Y	2014	2021

Illinois

- Kirk Lonbom, the state's CISO, is putting together a cybersecurity workforce hiring plan for the state.

Institution	Designation	Designated	Expiration
DePaul University	CAE-CDE 4Y	2014	2021
Illinois Institute of Technology	CAE-CDE 4Y	2014	2020
Illinois State University	CAE-CDE 4Y	2014	2020
John A Logan College	CAE-CDE 2Y	2016	2021
Lewis University	CAE-CDE 4Y	2016	2021
Moraine Valley Community College	CAE-CDE 2Y	2014	2020
University of Illinois at Springfield	CAE-CDE 4Y	2014	2020
University of Illinois, Urbana-Champaign	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

Indiana

Institution	Designation	Designated	Expiration
Indiana University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Ivy Tech Community College	CAE/IAE 2Y	2012	2017
Purdue University	CAE-R	2014	2019
Purdue University Calumet	CAE-CDE 4Y	2014	2019

Iowa

Institution	Designation	Designated	Expiration
Iowa State University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

Kansas

Institution	Designation	Designated	Expiration
Fort Hays State University	CAE-CDE 4Y	2014	2020
Kansas State University	CAE-R	2014	2019
University of Kansas	CAE-CDE 4Y	2014	2020

Kentucky

Institution	Designation	Designated	Expiration
Northern Kentucky University	CAE-CDE 4Y	2014	2019
University of Louisville, Kentucky	CAE-CDE 4Y	2014	2019

Louisiana

- http://www.louisianabelieves.com/ - Cyber Engineering Pathway
  - http://www.louisianabelieves.com/docs/default-source/jumpstart/cyber-engineering-pathway.pdf?sfvrsn=14

Institution	Designation	Designated	Expiration
Bossier Parish Community College	CAE/IAE 2Y	2012	2017
	CAE-CDE 2Y	2014	2021
Louisiana Tech University	CAE-CDE 4Y	2014	2020
	CAE-IA-R	2012	2017
	CAE-R	2014	2020
University of New Orleans	CAE-R	2014	2019

Maine

Institution	Designation	Designated	Expiration
University of Maine System	CAE-CDE 4Y	2014	2019

Maryland

- o Department of Labor TAACCCT Grant - http://webapps.dol.gov/DOLGrantData/GrantInformation.aspx?appid=20256

Institution	Designation	Designated	Expiration
Anne Arundel Community College	CAE-CDE 2Y	2014	2020
Bowie State University	CAE-CDE 4Y	2014	2020
Capitol Technology University	CAE-CDE 4Y	2014	2021
College of Southern Maryland	CAE-CDE 2Y	2014	2020
Hagerstown Community College	CAE-CDE 2Y	2014	2020
Harford Community College	CAE/IAE 2Y	2012	2017
	CAE-CDE 2Y	2014	2020
Howard Community College	CAE-CDE 2Y	2014	2020
Montgomery College	CAE/IAE 2Y	2012	2017
Morgan State University	CAE-CDE 4Y	2016	2021
Prince George's Community College	CAE-CDE 2Y	2014	2021
The Community College of Baltimore County	CAE-CDE 2Y	2014	2021
The Johns Hopkins University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Towson University	CAE-CDE 4Y	2014	2021
United States Naval Academy	CAE-CDE 4Y	2014	2020
University of Maryland University College	CAE-CDE 4Y	2014	2021
University of Maryland, Baltimore County	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of Maryland, College Park	CAE-R	2014	2019

Massachusetts

Institution	Designation	Designated	Expiration
Boston University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Northeastern University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of Massachusetts Lowell	CAE-R	2016	2021

| Worcester Polytechnic Institute | CAE-R | 2014 | 2019 |

Michigan

- o MS-ISAC link http://www.michigan.gov/cybersecurity/ - no specific workforce initiatives noted beyond cybersecurity awareness

Institution	Designation	Designated	Expiration
Davenport University	CAE-CDE 4Y	2014	2020
Eastern Michigan University	CAE-CDE 4Y	2016	2021
Ferris State University	CAE-CDE 4Y	2014	2020
University of Detroit Mercy	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2016	2021
Walsh College	CAE-CDE 4Y	2016	2021

Minnesota

Institution	Designation	Designated	Expiration
Capella University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
Metropolitan State University	CAE-CDE 4Y	2014	2020
Minneapolis Community and Technical College	CAE/IAE 2Y	2012	2017
St. Cloud State University	CAE-CDE 4Y	2014	2021
Walden University	CAE-CDE 4Y	2014	2019

Mississippi

Institution	Designation	Designated	Expiration
Mississippi State University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

Missouri

Institution	Designation	Designated	Expiration
Missouri University of Science and Technology	CAE/IAE 4Y	2012	2017
	CAE-R	2014	2019
University of Missouri-St. Louis	CAE-CDE 4Y	2016	2021

Montana

- No CAE schools

Nebraska

Institution	Designation	Designated	Expiration
Bellevue University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
University of Nebraska, Omaha	CAE-CDE 4Y	2014	2021

New Hampshire

Institution	Designation	Designated	Expiration
Dartmouth College	CAE-R	2014	2019

New Jersey

Institution	Designation	Designated	Expiration
Fairleigh Dickinson University	CAE-CDE 4Y	2014	2020
New Jersey City University	CAE-CDE 4Y	2014	2020
New Jersey Institute of Technology	CAE-CDE 4Y	2014	2020
Princeton University	CAE-R	2014	2019
Rutgers, The State University of New Jersey	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Stevens Institute of Technology	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

New Mexico

Institution	Designation	Designated	Expiration
Eastern New Mexico University - Ruidoso Branch Community College	CAE-CDE 2Y	2014	2019
New Mexico Tech	CAE-R	2014	2019
University of New Mexico	CAE/IAE 4Y	2012	2017
	CAE-IA-R	2012	2017

New York

Institution	Designation	Designated	Expiration
Excelsior College	CAE-CDE 4Y	2014	2019
Mercy College	CAE-CDE 4Y	2014	2020
Mohawk Valley Community College	CAE-CDE 2Y	2016	2021
New York Institute of Technology	CAE-CDE 4Y	2016	2021
New York University	CAE-R	2014	2021
Pace University	CAE/IAE 4Y	2012	2017
Rochester Institute of Technology	CAE-CDE 4Y	2014	2021
Syracuse University	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021

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	CAE-R	2014	2021
University at Buffalo, the State University of New York	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
US Military Academy, West Point	CAE/IAE 4Y	2012	2017
Utica College	CAE-CDE 4Y	2014	2019

North Carolina

East Carolina University	CAE-CDE 4Y	2014	2021
Forsyth Technical Community College	CAE-CDE 2Y	2014	2019
North Carolina A&T State University	CAE-CDE 4Y	2014	2021
North Carolina State University	CAE-R	2014	2019
Rowan-Cabarrus Community College	CAE-CDE 2Y	2014	2019
University of North Carolina, Charlotte	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

North Dakota

- No CAE schools

Ohio

Institution	Designation	Designated	Expiration
Air Force Institute of Technology	CAE-R	2014	2019
Sinclair Community College	CAE/IAE 2Y	2012	2017
The Ohio State University	CAE-CDE 4Y	2014	2020
University of Cincinnati	CAE-CDE 4Y	2016	2021

Oklahoma

Institution	Designation	Designated	Expiration
Francis Tuttle Technology School	CAE/IAE 2Y	2012	2017
Oklahoma City Community College	CAE-CDE 2Y	2016	2021
Oklahoma Department of Career & Technology	CAE/IAE 2Y	2012	2017
Oklahoma State University	CAE-CDE 4Y	2014	2020
	CAE-R	2014	2020
Rose State College	CAE-CDE 2Y	2014	2020
University of Tulsa	CAE-CDE 4Y	2014	2020
	CAE-R	2014	2020

Oregon

Institution	Designation	Designated	Expiration
Mt. Hood Community College	CAE-CDE 2Y	2014	2019

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| University of Oregon | CAE-R | 2014 | 2019 |

Pennsylvania

Institution	Designation	Designated	Expiration
Bloomsburg University of Pennsylvania	CAE-CDE 4Y	2016	2021
Carnegie Mellon University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Drexel University	CAE/IAE 4Y	2012	2017
East Stroudsburg University	CAE-CDE 4Y	2014	2020
Indiana University of Pennsylvania	CAE-CDE 4Y	2016	2021
Pennsylvania State University	CAE-CDE 4Y	2014	2021
University of Pittsburgh	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
West Chester University of Pennsylvania	CAE-CDE 4Y	2014	2020

Rhode Island

Institution	Designation	Designated	Expiration
University of Rhode Island	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

South Carolina

Institution	Designation	Designated	Expiration
The Citadel	CAE-CDE 4Y	2016	2021
University of South Carolina	CAE-CDE 4Y	2014	2020
	CAE-R	2014	2020

South Dakota

Institution	Designation	Designated	Expiration
Dakota State University	CAE/IAE 4Y	2012	2017
	CAE-IA-R	2012	2017

Tennessee

Institution	Designation	Designated	Expiration
Fountainhead College of Technology	CAE-CDE 4Y	2014	2020
Jackson State Community College	CAE/IAE 2Y	2012	2017
Tennessee Tech University	CAE-CDE 4Y	2016	2021
The University of Tennessee at Chattanooga	CAE-CDE 4Y	2014	2021

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Institution	Designation	Designated	Expiration
University of Memphis	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

Texas

Institution	Designation	Designated	Expiration
Our Lady of the Lake University	CAE/IAE 4Y	2012	2017
San Antonio College	CAE-CDE 2Y	2014	2020
Southern Methodist University	CAE-CDE 4Y	2014	2021
St. Philip's College	CAE-CDE 2Y	2014	2020
Texas A&M University	CAE-CDE 4Y	2016	2021
	CAE-R	2016	2021
Texas A&M University-Corpus Christi	CAE-CDE 4Y	2016	2021
Texas A&M University-San Antonio	CAE/IAE 4Y	2012	2017
The University of Texas at Austin	CAE-R	2014	2019
The University of Texas at San Antonio	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of Dallas	CAE-CDE 4Y	2014	2021
University of Houston	CAE-CDE 4Y	2014	2020
	CAE-R	2014	2020
University of North Texas	CAE/IAE 4Y	2012	2017
	CAE-IA-R	2012	2017
	CAE-R	2014	2019
University of Texas at Dallas	CAE/IAE 4Y	2012	2017
	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
University of Texas at El Paso	CAE-CDE 4Y	2014	2020

Utah

Institution	Designation	Designated	Expiration
Brigham Young University	CAE/IAE 4Y	2012	2017

Vermont

Institution	Designation	Designated	Expiration
Champlain College	CAE/IAE 4Y	2012	2017
Norwich University	CAE/IAE 4Y	2012	2017

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Virginia

- Cyber Initiatives Included in the 2017-18 Budget Bill https://cyberva.virginia.gov/ and https://governor.virginia.gov/media/3330/eo-8-launching-cyber-virginia-and-the-virginia-cyber-security-commission.pdf
- Virginia Tech awarded $20 million grant for cyber workforce development from the National Science Foundation (NSF) to help increase cyber workforce development and encourage scientific partnerships to deliver innovation in the field.

Institution	Designation	Designated	Expiration
George Mason University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021
Hampton University	CAE-CDE 4Y	2016	2021
James Madison University	CAE-CDE 4Y	2014	2020
Lord Fairfax Community College	CAE-CDE 2Y	2016	2021
Marymount University	CAE-CDE 4Y	2014	2020
Norfolk State University	CAE-CDE 4Y	2014	2020
Northern Virginia Community College	CAE-CDE 2Y	2014	2020
Radford University	CAE-CDE 4Y	2016	2021
Tidewater Community College	CAE-CDE 2Y	2016	2021
Virginia Polytechnic Institute and State University	CAE-R	2014	2021

Washington

Institution	Designation	Designated	Expiration
City University of Seattle	CAE-CDE 4Y	2014	2019
Highline College	CAE-CDE 2Y	2014	2020
University of Washington	CAE/IAE 4Y	2012	2017
	CAE-R	2014	2019
Whatcom Community College	CAE-CDE 2Y	2014	2021

West Virginia

Institution	Designation	Designated	Expiration
Blue Ridge Community and Technical College	CAE-CDE 2Y	2016	2021
West Virginia University	CAE-CDE 4Y	2014	2021
	CAE-R	2014	2021

Wisconsin

- No CAE schools

Wyoming

- No CAE schools

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