

INTERNET
2

SUSANNAH SPELLMAN

Executive Director, U.S. UCAN

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**Broadband Powered
Transformation and
Innovation**

CONTENTS

- I. Broadband Driven Transformation
- II. What is Internet2 and U.S. UCAN and Why Should You Care?
- III. It's All About the Applications

The Internet Is the Most Transformative Technology of the 21st Century

The Power of an Internet Connection



Current Technologies the Jetsons Predicted

Snapshots from episodes that aired in 1962-63!



Video Conferencing



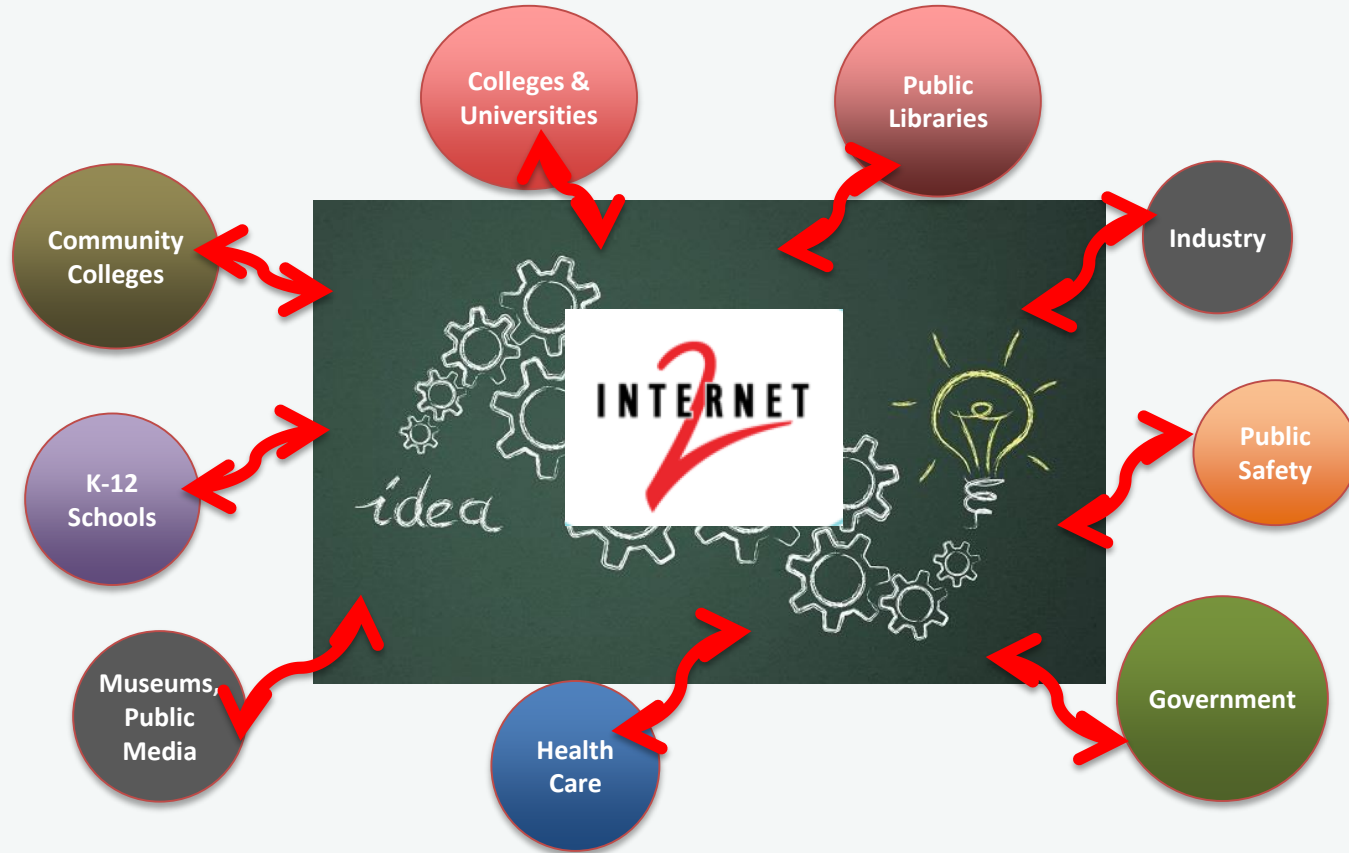
Roomba

Innovations that depend on the Internet and/or developed leveraging the Internet

Kids & Rotary Phones



Who is Broadband Transformative For?



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Innovation Powered by Community

Founded 1996

*A Non Profit, 501c3 Organization
Providing Advanced Technologies
Infrastructure and Services to its
R&E Members*

*Established, Operated, & Governed
by the Nation's Leading Research
Universities*

INTERNET2: MEMBERS & PARTNERS

Focused on advanced technology needs of members since 1996



300+ Higher Education
members

80+ Industry members

40+ Affiliate members

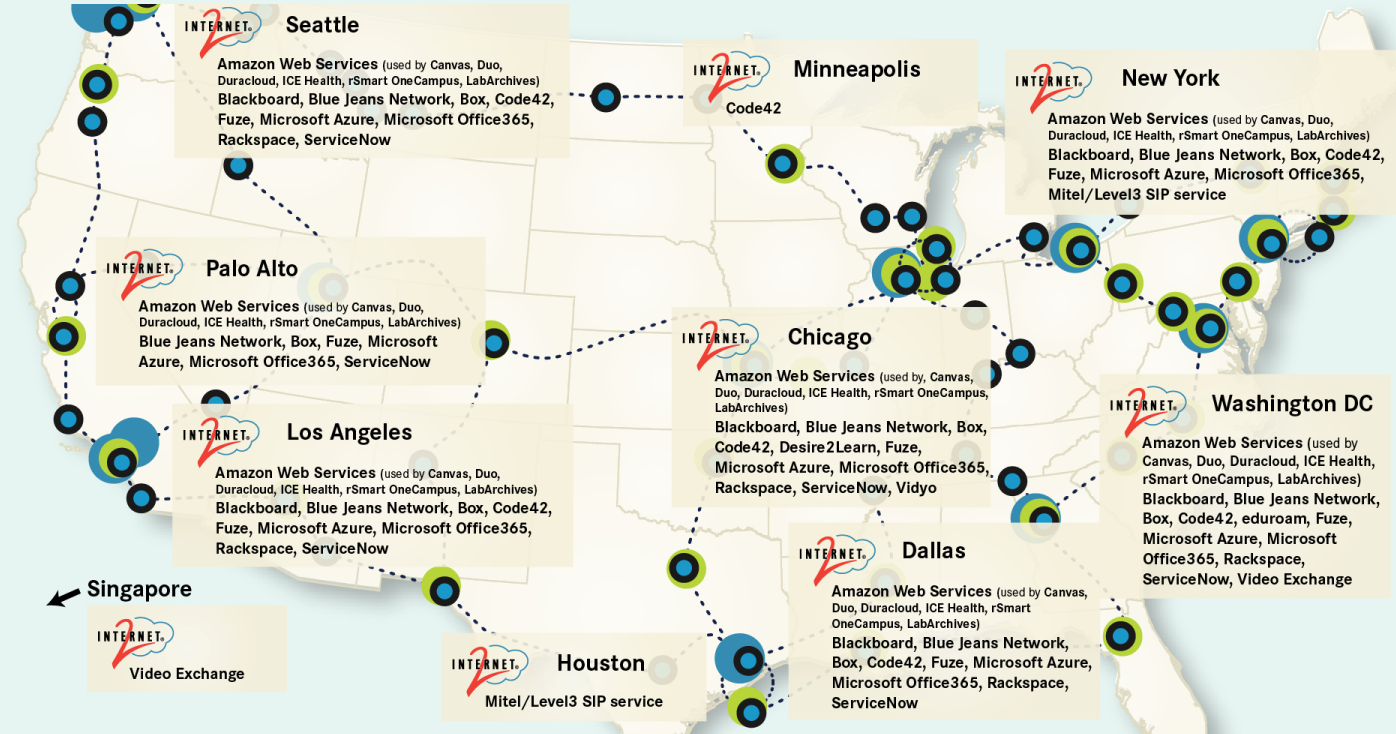
40+ R&E Network
members

65+ Int'l partners reaching

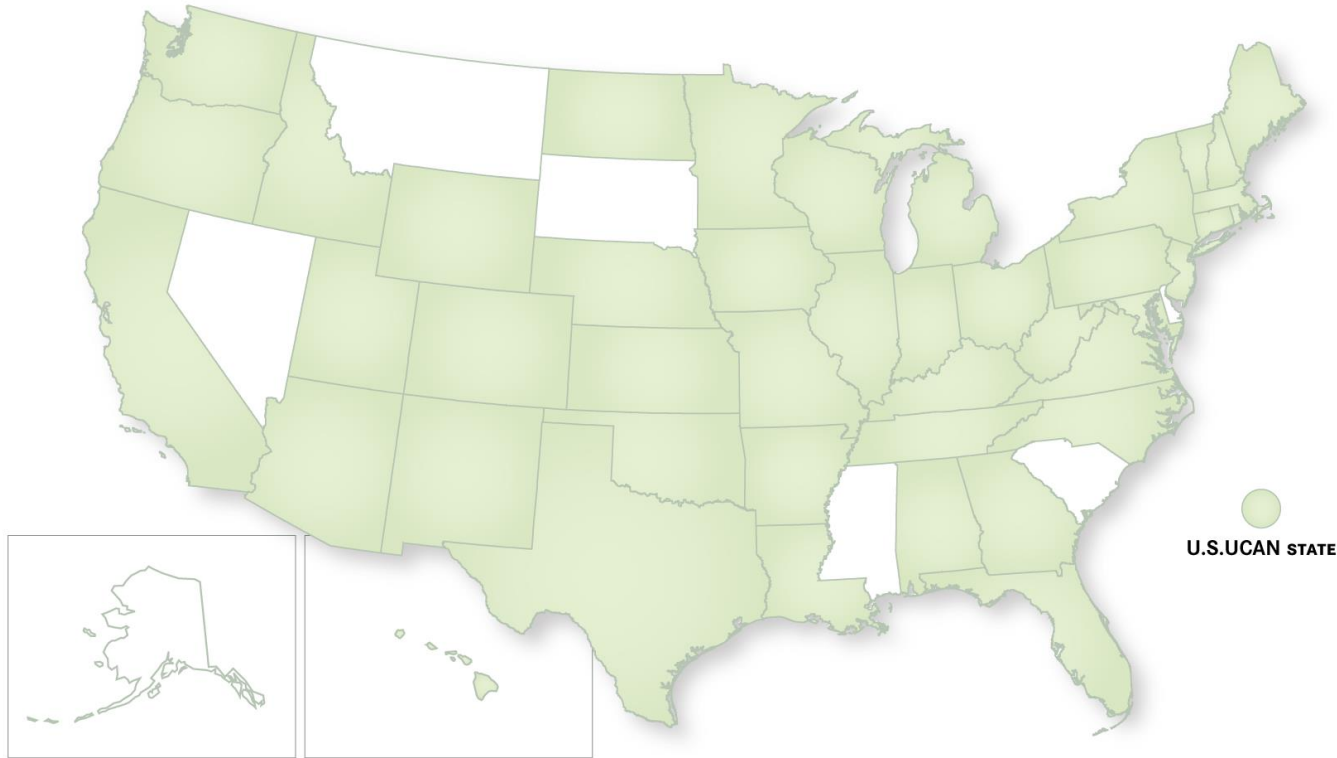
100+ nations

100,000+ Community anch
or institutions

Internet2 Cloud Service Provider Connections



Internet2's U.S. UCAN Program



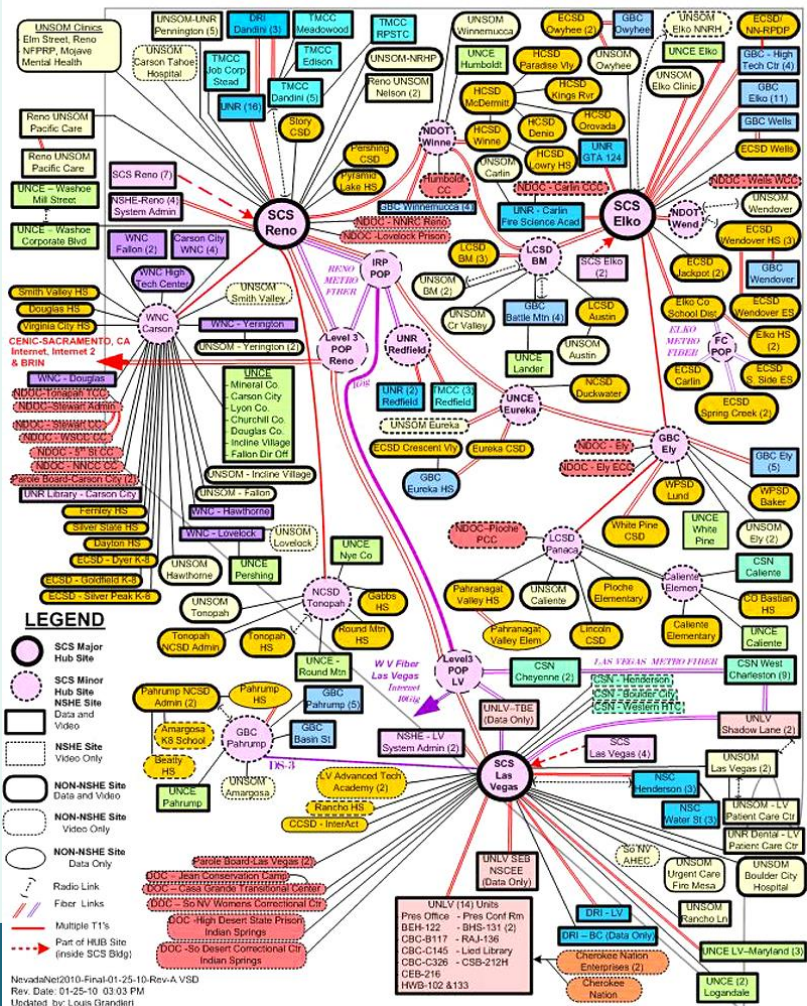
Connectivity Stats

CAI Type	Number Connected
Four-Year Colleges & Universities	1532
Community Colleges	1062
K-12 Schools	87,796
Public Libraries	5336
Health Care Organizations	1900
Other CAIs	3235

Internet2 already connected in Nevada



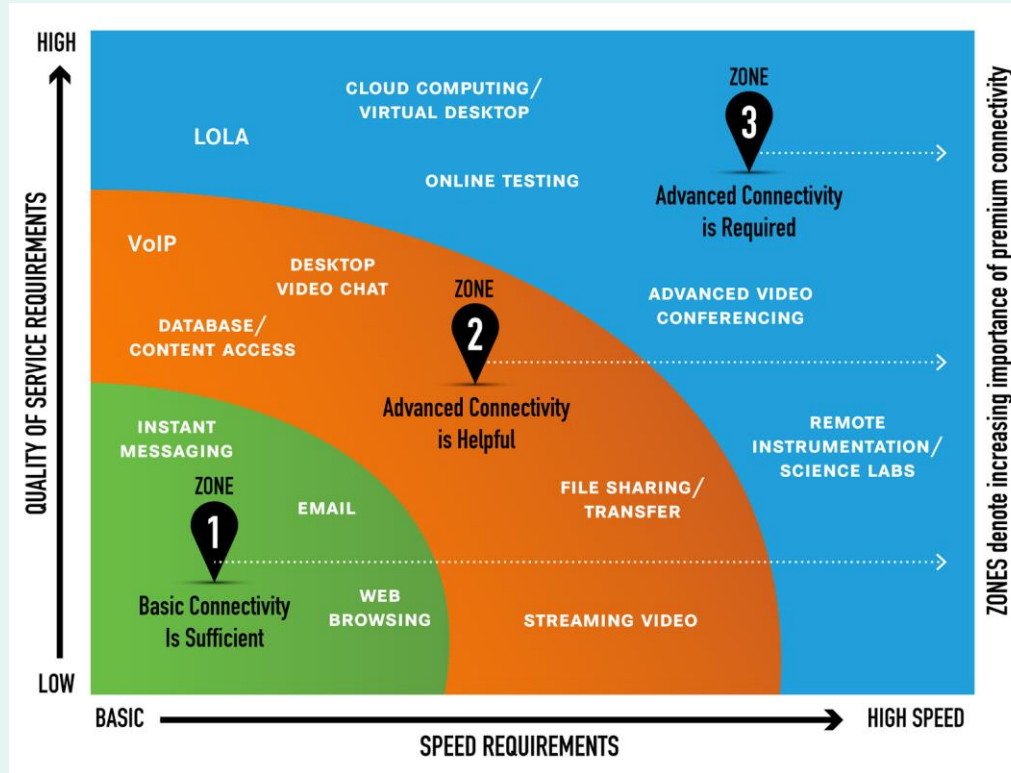
NEVADANET 2010 (January, 2010) NSHE – NEVADA SYSTEM OF HIGHER EDUCATION



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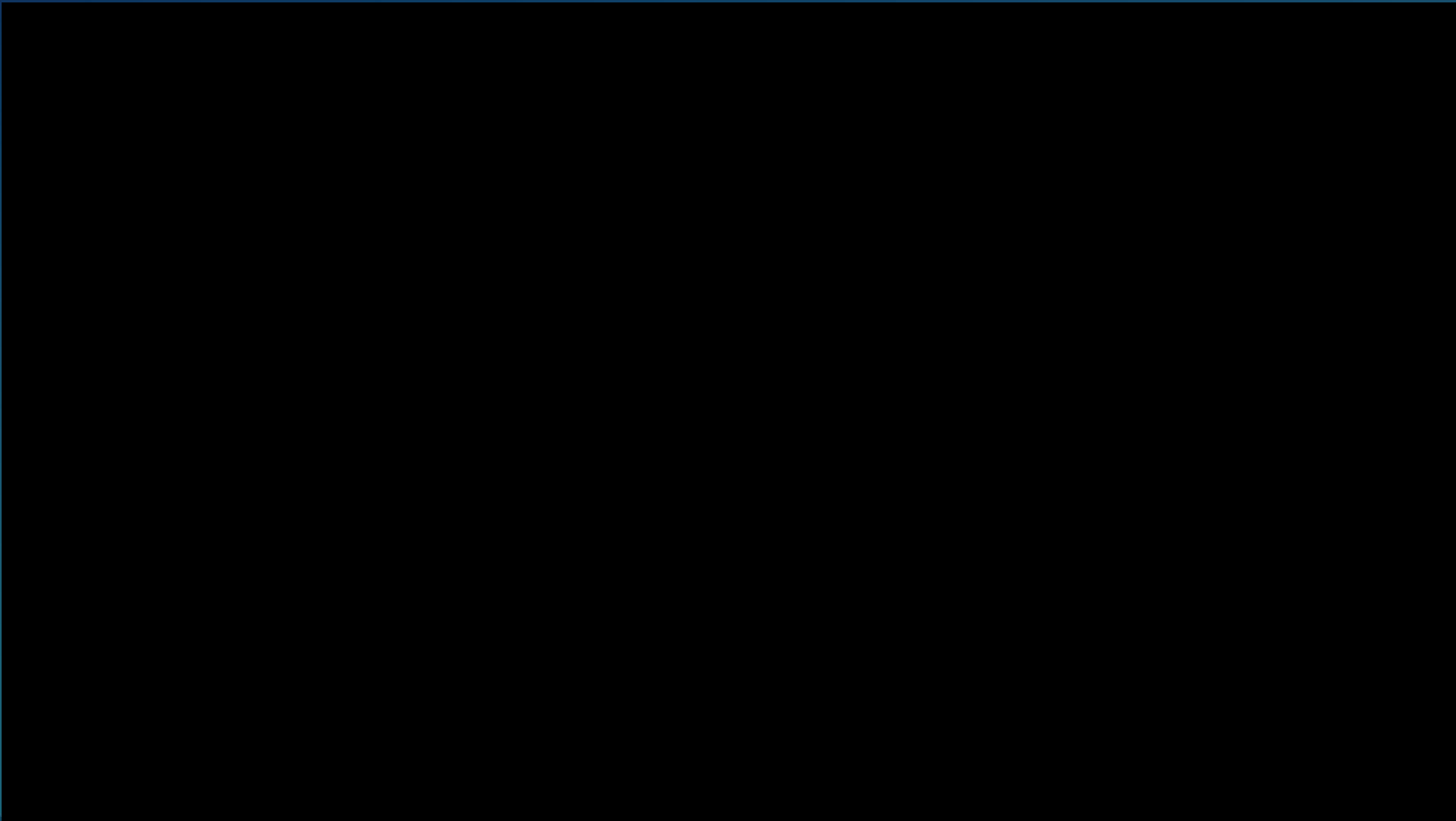
Quality of Service As Important As Speed



K-12 USC Microscopy Collaboration

<https://vimeo.com/123082617>





unignit



Presidential Primary Source Program

PRESIDENTIAL 
LEGACY

Actions that carved
out the present and
influence the future

A FREE, INTERACTIVE CLASSROOM
VIDEOCONFERENCING PROGRAM
FOR GRADES 6-12

<https://www.youtube.com/watch?v=0rg5FlGh1qI>

Upcoming Events

National Archives - Presidential Powers

Jan 18, 2018 Online

White House Historical Association - Presidential Legacies at the White House

Jan 24, 2018 Online

Sixth Floor Museum at Dealey Plaza - Legacy of President Kennedy

31 Jan–31 Dec, 2017 Online

National Mall and Memorial Parks + Ford's Theatre - The Stages of President Lincoln's Legacy

Feb 08, 2018 Online

Lincoln Boyhood National Memorial - Forging Greatness: Lincoln in Indiana

Feb 13, 2018 Online

Ulysses S. Grant National Historic Site - Grant: A Legacy of Freedom

Feb 15, 2018 Online

Herbert Hoover Presidential Library

Feb 22, 2018 Online

Abraham Lincoln Birthplace - Lincoln's Lasting Legacy

Mar 01, 2018 Online

Franklin D. Roosevelt Presidential Library

Preside

d States of America



1
George Washington
1789-March 3, 1797
Virginia



2
John Adams
March 4, 1797-March 3, 1801
Massachusetts



3
Thomas Jefferson
March 4, 1801-March 3, 1809
Virginia



4
James Madison
March 4, 1809-March 3, 1817
Virginia



5
James Monroe
March 4, 1817-March 3, 1825
Virginia



6
John Quincy Adams
March 4, 1825-March 3, 1829
Massachusetts



7
Andrew Jackson
March 3, 1829-March 3, 1837
Tennessee



8
Martin Van Buren
March 4, 1837-March 3, 1841
New York



9
William H. Harrison
March 4, 1841-April 4, 1841
Ohio



10
John Tyler
April 4, 1841-March 3, 1845
Virginia



11
James K. Polk
March 4, 1845-March 3, 1849
Tennessee



12
Zachary Taylor
March 4, 1849-July 9, 1850
Louisiana

THE PRESIDENTIAL PRIMARY SOURCES PROJECT



13
Millard Fillmore
March 4, 1850-March 3, 1853
New York



14
Stephen Grover Cleveland
March 4, 1853-March 3, 1857
New York



15
Benjamin Harrison
March 4, 1857-March 3, 1861
Indiana



16
Stephen Grover Cleveland
March 4, 1861-March 3, 1869
New York



17
Abraham Lincoln
March 4, 1861-March 3, 1865
Kentucky



18
Andrew Johnson
March 4, 1865-March 3, 1869
Tennessee



19
Ulysses S. Grant
March 4, 1869-March 3, 1877
Illinois



20
Rutherford B. Hayes
March 4, 1877-March 3, 1881
Ohio



21
James Garfield
March 4, 1881-September 19, 1881
Ohio



22
Chester A. Arthur
March 4, 1881-March 3, 1885
New York



23
Theodore Roosevelt
September 14, 1901-March 3, 1909
New York



24
William H. Taft
March 4, 1909-March 3, 1913
Ohio



25
Woodrow Wilson
September 16, 1913-March 3, 1921
Virginia



26
Warren G. Harding
August 2, 1921-August 2, 1923
Ohio



27
John Calvin Coolidge
August 2, 1923-March 3, 1929
Massachusetts



28
Herbert Hoover
March 4, 1929-April 12, 1933
California



29
Franklin D. Roosevelt
March 4, 1933-April 12, 1945
New York



30
Harry S. Truman
April 12, 1945-January 20, 1953
Missouri



31
Dwight D. Eisenhower
January 20, 1953-January 20, 1961
New York



32
John F. Kennedy
January 20, 1961-November 22, 1963
Massachusetts



33
Lyndon B. Johnson
November 22, 1963-January 20, 1969
Texas



34
Richard Nixon
January 20, 1969-August 9, 1974
California



35
Gerald R. Ford
August 9, 1974-January 20, 1977
Michigan



36
James Earl Carter
January 20, 1977-January 20, 1981
Georgia



37
Ronald Reagan
January 20, 1981-January 20, 1989
California

Lincoln made extraordinary efforts to attain knowledge while working on a farm, splitting rails for fences, and keeping store at New Salem, Illinois. He was a captain in the Black Hawk War, spent eight years in the Illinois legislature, and rode the circuit of courts for many years. His law partner said of him, "His ambition was a little engine that knew no rest."



What do you think your community anchors could or should do if they had better broadband?

How can Nevada ensure that it is providing the best broadband capabilities to its community anchors?

How can we collaborate to promote innovation and better serve our communities?



**SUSANNAH
SPELLMAN**

Executive Director, U.S. UCAN

sspellman@internet2.edu

United States Unified Community Anchor Network (U.S.UCAN) Program Focus

