

Network and Computer Systems Administrators (15-1142)

Occupation description: Install, configure, and support an organizations local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Monitor network to ensure network availability to all system users and may perform necessary maintenance to support network availability. May monitor and test Web site performance to ensure Web sites operate correctly and without interruption. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures. Excludes Information Security Analysts(15-1122), Computer User Support Specialists (15-1151), and Computer Network Support Specialists (15-1152).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	778	798	2.6	11	37	50
United States	391,300	415,300	6.1	5,700	19,000	27,100

Job outlook

Alaska: Alaska's employment growth is low with moderate employment opportunities. [Read more.](#)

Wages

Wage data is not available.

Labor Force Indicators

2016 Worker Characteristics				
Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
746	68	9.1	42.2	27.6

2016 Potential Supply	
Qualified but working in another occupation	180
Currently employed in a lower paid occupation	84
UI claimants previously working in occupation	22

2016 ALEXsys Employment Data	
Number of registrants	284
Number of job position postings	98
Ratio of registrants to job position postings	2.9

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Bachelor's degree

Work experience: None

On-the-job training: None

Training Resources

Degree

Embry-Riddle Aeronautical University (JBER)

Aviation Cybersecurity Management and Policy	Certificate
Cybersecurity Management & Policy	BS
Information Assurance	Certificate

Degree

University of Alaska Anchorage (Anchorage)

Technical Support	OEC
-------------------	-----

Degree

University of Alaska Anchorage, Kodiak (Kodiak)

Computer Systems Technology	AAS
-----------------------------	-----

Degree

University of Alaska Anchorage, Mat-Su (Palmer)

Computer Systems Technology	AAS
-----------------------------	-----

Degree

University of Alaska Southeast, Juneau (Juneau)

Network and System Administration	OEC
-----------------------------------	-----

Degree

University of Alaska Southeast, Ketchikan (Ketchikan)

Network and System Administration	OEC
-----------------------------------	-----

Degree

University of Alaska Southeast, Sitka (Sitka)

Network and System Administration	OEC
-----------------------------------	-----

Degree

Wayland Baptist University (Anchorage)

Cyber Security	BAS
----------------	-----