



Microsoft Certified DevOps Engineer Expert

Certification website: <https://learn.microsoft.com/en-us/credentials/certifications/devops-engineer/>

Credential Summary

DevOps Engineers are responsible for delivering Microsoft DevOps solutions that provide continuous security, integration, testing, delivery, deployment, monitoring and feedback. DevOps Engineers design and implement flow of work, collaboration, communication, source control and automation while working on cross-functional teams that include developers, site reliability engineers, Azure administrators, and security engineers. Requires Azure Administrator Associate and/or Azure Developer Associate as prerequisite.

Overview

- **Related Instructional Hours:** 4 days – 6 months
- **Exam details:** AZ-400
 - Minimum passing is 700/1000
- **Third party testing provider:** PearsonVue
- **Exam cost:** \$165
- **Renewal details:** Credential good for 12 months
 - Renewal is a free, online assessment

Job Opportunities

- **Relevant SOC codes**
 - Computer Programmers 15-1251
 - Computer Systems Analysts 15-1211
- **Demand information**
 - Average flame ranking = 3.64/5
- **Average Wages**
 - Range of \$91,470 (43.98 per hour) to \$94,180 (45.28 per hour)
(Average wages pulled as of October 2023)

Knowledge, Skills, and Competencies

- Design and implement processed and communications
- Design and implement a source control strategy
- Design and implement build and release pipelines
- Develop a security and compliance plan
- Implement an instrumentation strategy

Post Secondary Relevance

- **Next level programs of study**
 - Cloud and Server Occupations
 - IT Support
 - Networking