

**Lab - Research IT and Networking Job Opportunities**

**Objectives**

• Research Job Opportunities

# Background / Scenario

Jobs in Information Technology (IT) and computer networking continue to grow. Most employers require some

form of industry standard certification, degree, or other qualifications from their potential employees, especially those with limited experience. The Cisco CCNA certification is a known and established entry-level networking certification that is respected in the industry. There are additional levels and kinds of Cisco certifications that one can attain, and each certification may enhance employment opportunities as well as salary range.

In this lab, you will complete targeted job searching on the web to find what types of IT and computer networking jobs are available; what kinds of skills and certifications you will need; and the salary ranges associated with the various job titles.

**Required Resources**

• Device with Internet access

# Instructions

You will use a web browser to visit the popular job listing websites, such as monster.com and salary.com.

**Step 1: Open a web browser and go to a job listing website.**

In the URL address bar type [http://monster.com](http://monster.com/) and press Enter.

**Note**: For job listings outside of the U.S., use the following link to search for your country:

<http://www.monster.com/geo/siteselection/>

**Step 2: Search for networking related jobs.**

1. Type the word ***Network Administrator*** in the **Keyword or Title** box. Click **Find Jobs** to continue.
2. Notice the search results. Now, focus your search by adding terms to the search for Network Administrator. Try terms like Cisco CCNA, CCNP, CCNA Security, CCNA Voice, etc.
3. Now try refining your search by adding different geographical locations. Did you find jobs in the locations you entered? ***Type your answers here.***
4. Try searching a different website. Go to [http://www.salary.com](http://www.salary.com/) and click the Job Search menu bar button.

**Note**: For salary listings outside of the U.S., use the following link to search for your country: <http://www.payscale.com/rccountries.aspx>

1. Add a search term like ***Information Technology*** to the J**ob title or Keyword** field box and click **Get my salary estimate**.
2. Note the large number of matching search results. Select a job title that interests you. Click **SHOW MY**

**SALARY ESTIMATE RESULTS**.

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1. Spend time searching for jobs and looking through the search results. Take note of what skills are required for different job titles and the range of starting salaries.

# Reflection Questions

Answer the following questions based on your research findings.

1. What job titles did you search for?

These are some of the jobs that I searched for :

* Software Engineer
* Mobile App dev
* Game dev
* Web dev

1. What skills or certifications were required?

Some of the core skills that are required for the jobs above :

* Programming language : Python, Java, Js, Swift, Kotlin, Flutter/Dart, React, C#, C++
* Problem solving skill : Debugging, logical thinking, Algorithm
* Can use new AI tools
* Can work under pressure
* Ability to quickly establish strong credibility with employees, business partners and external resources.

1. Did you find any jobs that you previously did not know existed? If so, what were they?

Yes, during the research I found lots of jobs/ positions that I’m not familiar with such as:

DevOps Engineering

IT compliance analyst

Network automation engineer. ***Ere.***

1. Did you find any jobs that you are interested in? If so, which ones and what skills or certifications do they require?

Yes, I’m interested in Software Development and Mobile app dev. And here are the skills and certificates that they required for these positions:

**Software Development Skills:** Java, Python, JavaScript, C++, Git, Agile development, SQL, Object-Oriente Programming.

**Mobile Development Skills:** Swift, Kotlin, React Native, Flutter, Firebase, REST APIs.

Certificate that we need to get a high salary (most companies need these types of certificates ) :

* **AWS Certified Developer – Associate** – Cloud development with AWS.
* **Google Associate Android Developer** – Android app development certification.
* **Apple Certified iOS Developer** – iOS app development with Swift.
* **Microsoft Certified: Azure Developer Associate** – Cloud-based software development.
* **Oracle Certified Professional, Java SE** – Java programming expertise.

***Type your answers here.***

*End of Document*

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