**ASSIGNMENT OF CCNA**

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**SUBMITTED TO SAYLANI CCNA**

**What is a Network?**

A network is defined as a two or more independent devices or computers that are linked to share resources (such as printers and CDs), exchange files, or allow electronic communications.

For example, the computers on a network may be linked through telephone lines, cables, satellites, radio waves, or infrared light beams.

**HISTORY OF CCNA**

CCNA certification was developed in 1998 by CISCO. It was originally Cisco Certified Internetwork Engineer (CCIE) in 1993 to be the first IT certification. CCIE was created by Mr. Stuart Biggs, targeted towards networkers but was altered and developed for the computer networking world. Now it has to evolve to installing, configuring, and managing networks.

Since 1998, the examination has been changed to be more object oriented. It has also benefited individuals to gain the right qualification in networking or to get into networking. **What is CCNA?**

CCNA is a popular certification among computer network engineers. Full Form of CCNA is Cisco Certified Network Associate. It is a certification program valid for all type of engineers. It includes entry-level network engineers, Network Administrators, Network Support Engineers and Network Specialists.

Some of the common topics covered under CCNA certification include:

* OSI models
* IP addressing
* WLAN and VLAN
* Network security and management (ACL included)
* Routers / routing protocols ( EIGRP, OSPF, and RIP)
* IP Routing
* Network Device Security
* Troubleshooting

**Types of CCNA certification**

To secure CCNA. There are basically two approaches as shown below.

1. ICND1 Exam and ICND2
2. Combined CCNA Exam

## Devices used on a network

* Hub.
* Switch.
* Router.
* Bridge.
* Gateway.
* Modem.
* Repeater.
* Access Point.

**END**