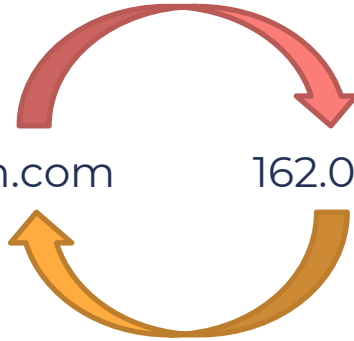


Domain Name System (DNS) Overview

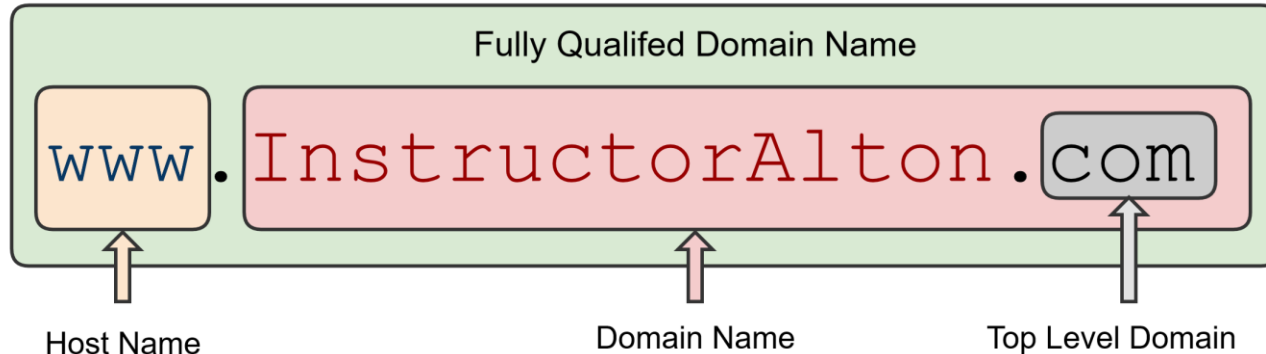
- DNS provides TCP/IP name resolution services, which is the process of translating host and domain names into their corresponding IP address (and vice versa).

- InstructorAlton.com 162.0.232.236



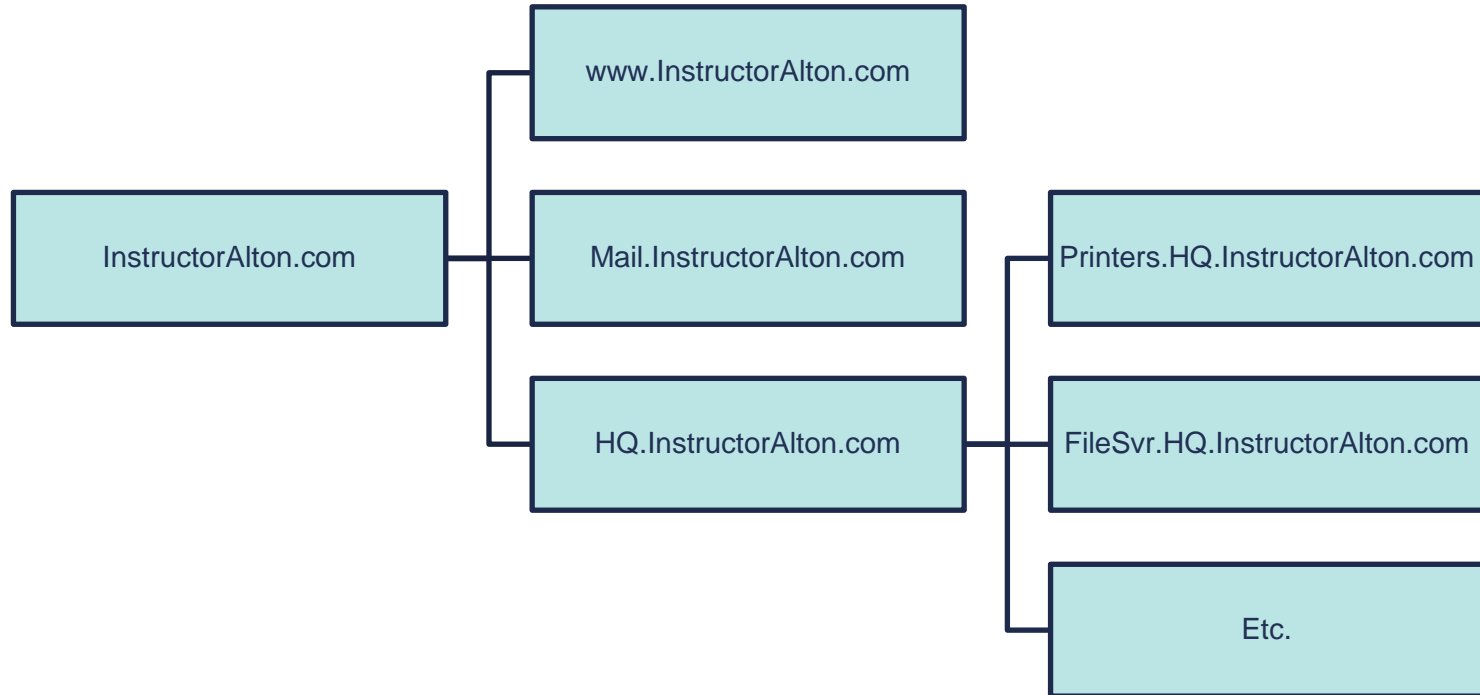
Fully Qualified Domain Names (FQDN)

- An FQDN is used to uniquely identify a host on the Internet, such as my website, `www.InstructorAlton.com`
- Composed of three components:
 - **Host Name:** `www`
 - **Domain Name:** `InstructorAlton.com`
 - **Top-Level Domain:** `.com`



Fully Qualified Domain Names (FQDN)

You can have multiple levels of domain names:



DNS Hierarchy

