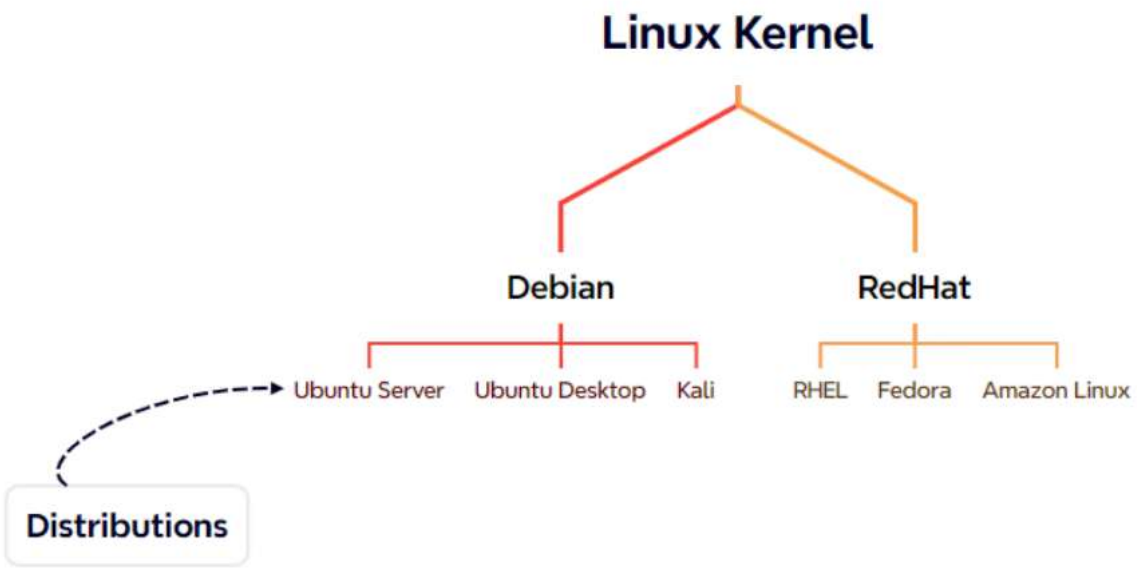
Servers Contd

- Generally on Servers, we use Server Operating Systems such as
    - Linux
    - Unix
    - Windows Servers
    - Solaris
- Linux is most popular server operating system for running web based applications
- To communicate with kernel there are different shells Refer Here



- Linux Distributions Refer Here
- What is the purpose of ports ?
- How many ports exist on a system ?
- What are popular port numbers ?
- What are the applications that we can run on Linux Servers ?
    - Websites

WebServer

- This is a software which can run websites
- Webservers by default host websites which are developed in
    - html
    - css
    - javascript

- Examples:

    - nginx
    - apache
    - iis

Application Server

- To have business logic implemented we need servers understanding high level languages such as
    - java (tomcat, glassfish)
    - .net (iis, kestrel)
    - php (nginx, apache)
    - python (wsgi, usgi, gunicorn)
    - nodejs (v8)

Databases

- To store the data generated by business logic we need database servers.
- Databases are of two types
    - SQL:
        - oracle
        - postgres
        - mysql
        - microsoft sql server
    - NoSQL
        - mongodb
        - cassandra