

C.2.1 Software Servers

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About

Minimally, a Software Server requires two software components: an operating [platform](#) and an [application](#). The operating platform provides the runtime infrastructure needed to support an application. The platform can include the hardware (real or virtual), the network, the [Operating System \(OS\)](#), the dependent services and the software libraries needed to access the services, operating system network and hardware.¹⁾

In order to communicate with the [clients](#) in the outside world, typical Software Servers generally use domain names, TCP IP Addresses, ports and MAC addresses. These can be statically assigned or dynamic, as well as, virtual and real.

Some common Software Servers are:

- **Web Servers** are computer programs that serve requested HTML pages or files. In this case, a web browser acts as the client.
- **Application Servers** are programs running on a distributed network that provide the business logic for an application program.
- **Proxy Servers** acts as the intermediary between [endpoint](#) devices, such as a computer, and another server from which a user or client is requesting a service.
- **Mail Servers** receive incoming emails from local users (i.e., individuals or applications) within the same domain and from remote senders and forwards outgoing emails for delivery.

DIDO Specifics

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To be added/expanded in future revisions of the DIDO RA

¹⁾

Brian M. Psey, [Server](#), Whatis, Accessed 8 December 2020,
<https://whatis.techtarget.com/definition/server>

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