

# Software Stack

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A **Software Stack** is comprised from a set of [Software Subsystems](#) or [Components](#) connected together to create a complete [Platform](#). Once defined, a **Software Stack** is self-contained and requires no additional subsystems or components to support applications. Applications are said to **run on** or **run on top of** the resulting **Software Stack**.

For example, to develop a web application, the architect defines the stack as the target [Operating System \(OS\)](#), [Web Server](#), [Database](#), and [Programming Language](#) environment.

Another version of a **Software Stack** is operating system, middleware, database, and applications. Regularly, the Components of a **Software Stack** are developed by different developers independently of one another and are integrated together and single named entity, forming the basis for many systems. For example:

- [Apache CloudStack](#)
- [LAMP \(Linux, Apache, MySQL, PHP/Perl/Python\)](#)
- [Oracle Cloud Stack](#)
- [Web Service Protocol Stack](#)

See also [Solution Stack](#)

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