



IT Fundamentals

Unit - Hardware

Lesson 3.4.1 - Application Delivery Methods

IT Fundamentals Objectives (FC0-U61)

Objective 3.4 – Explain methods of application architecture and delivery models

- Application delivery Methods
 - Locally installed
 - Network not required
 - Application exists locally
 - Files saved locally
 - Local network hosted
 - Network required
 - Internet access not required
 - Cloud hosted
 - Internet access required
 - Service required
 - Files saved in the cloud

Cyber Connections

- Hardware & Software

Grade Level(s)

8, 9

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Application Delivery Methods

Software Installation

In order to use an application, it has to be installed. There are a couple types of methods that a user can use to install an application. The most common method is the *locally installed* application. This is when an application is installed directly on a machine to be used by that machine. An example of this can be a calculator application. The user will find the application and download the files from the internet or upload from a drive. Once they are on the system, the installation process will take place and the user can then use the calculator. In this process, the *files are saved locally* to the machine, so no *network connection is required* to run the application.

A second method is a *cloud hosted* application, here the calculator application is hosted on the cloud. A user can access the cloud and open the application, the applications *files are saved in the cloud* and execute there. Nothing is installed on the local system, so *internet access is required* to run the application. A similar application method is a *local network hosted* application. Here, *internet access is not required*, but *network access* is required. An example of this could be if the calculator application is hosted by a school's network. All the systems within the school will be able to access the calculator application, but no one outside of the school is able to.