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Show Name: CompTIA IT Fundamentals (Exam FC0-U61)

Topic Name: Software and Applications

Episode Name: Software Usage Requirements

Description: In this episode, Don and Ronnie discuss some of the different requirements to use software. They take a look at costs, licensing agreements, and platform requirements.

Keywords: Single-platform software, Cross-platform software, Licensing, Installation

Software Usage Requirements

- Compare and contrast general application concepts and uses
 - Single-platform software
 - software that runs only on a single OS or specific CPU type
 - e.g. A software application that may only be installed on a Windows computer.
 - e.g. Software application that can only run on either x86 or ARM architecture (more commonly known as intel)
 - Cross-platform software
 - software that can run across platforms
 - e.g. Linux and MacOS
 - Compatibility concerns
 - Software that is designed to work in one OS may be "ported" to another OS. This may or may not work as well. There is no guarantee.
 - Licensing
 - Single use (one time use)
 - Group use/site license
 - Volume Licensing
 - Concurrent license
 - How many are in use at one time.
 - Open source vs. proprietary
 - Open source (Context or Situation based)
 - e.g. MIT License
 - e.g. Apache 2.0
 - e.g. GNU GPLv3
 - Proprietary (Owner based and used according to conditions set by the owner)
 - closed-source, user doesn't have access to the source code
 - Costs
 - Subscription vs. one-time purchase
 - e.g. Office 365 (Subscription)
 - monthly fee
 - new features are available immediately
 - e.g. Office 2016 (One-time)
 - one time cost per user
 - new features are available in new versions
 - Product keys and serial numbers
 - on OEM https://commons.wikimedia.org/wiki/File:ProductKey_V192196820.jpg
 - via email from software owner

- subscription site product licenses
- Software installation best practices
 - e.g. install software
 - Reading instructions
 - (Linux) https://www.sublimetext.com/docs/3/linux_repositories.html
 - `sudo apt-get install sublime-text`
 - (Windows) <https://www.wireshark.org/download.html>
 - Reading agreements (EULA)
 - Advanced options