I hate to ask this,

but...

What are software assets?



My mission is to help you (and I) grow and learn, every day! My favicons include:

- ✓ Auditing of financial and IT systems
- ✓ Cloud awareness
- ✓ Cybersecurity
- ✓ CISA



CIS Critical Security Controls v8









A

Software Assets means all information technology systems and software (whether in source code or object code) and all related license, maintenance and service Contracts.







- ✓ Software programs
- Licenses
- Data rights
- Software documentation
- ✓ Software Dev. agreements
- ✓ Maintenance agreements



B

Operating Systems (OS): Software that manages computer hardware and software resources, and provides common services for programs.

Types of OS:

- Single- and multi-tasking,
- Single- and multi-user,
- Distributed,
- Templated,
- Embedded,
- Real-time,
- Library





B

Applications (Apps):

- ✓ A program, or group of programs, hosted on enterprise assets and designed for end users.
- ✓ Applications are a subset of software.
- ✓ Includes web, database, cloud-based, and mobile applications.



B

Services:

- ✓ Software functionality or a set of software functionalities (Eg. retrieval of specified information or the execution of operations).
- ✓ Provide a mechanism to enable access to one or more capabilities



B

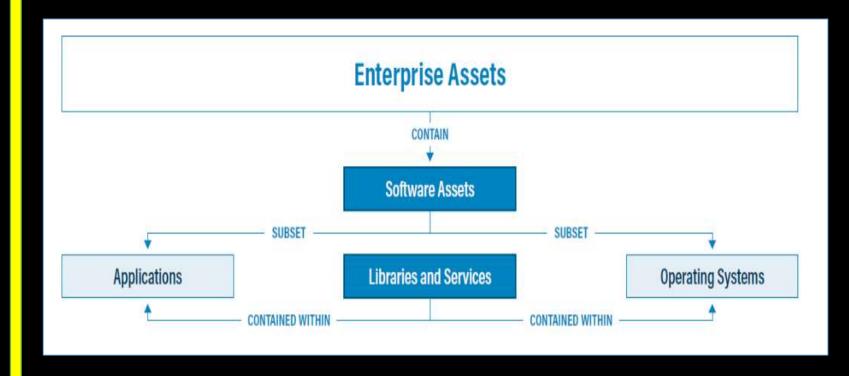
Library:

- ✓ Pre-written code, classes, procedures, scripts, configuration data etc. used to develop software programs and apps.
- ✓ Designed to assist both the programmer and the programming language compiler in building and executing software.





Software assets as per CIS v8









The ISO/IEC 19770 family of standards are designed to help organizations manage IT assets including software assets (SAM).

- ❖ 19770-1:2017: IT Asset Management Systems Requirements
- ❖ 19770-2:2015: Software identification tag
- ❖ 19770-3:2016: Entitlement Management Schema
- ❖ 19770-4:2017: Resource Utilization Measurement
- ❖ 19770-5:2015: Overview and Vocabulary





Help my achieve my mission to bring valuable ideas, information & inputs to you.

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