



Cybersecurity Basics 1 First Principle Cards

Domain Separation:

Keeping things separate based on categories.

Process Isolation:

Only doing one thing at a time.

Resource Encapsulation:

Labeling objects based on how they can be used and by whom.

Least Privilege:

Making sure that only the necessary people have access.

Abstraction:

Removing any clutter and only displaying the important information.

Data Hiding:

Hiding data from people who don't need to have access to it.

Modularity:

Making it easy to swap one part out for another.

Layering:

Using multiple strategies to protect something.

Simplicity:

Making designs as simple and intuitive as possible.

Minimization:

Reducing the number of weaknesses in something.

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