

Software Security

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Problems

Virus

Worm

Trojan

Spyware

Robot or Zombie

Spam

Secure Software

Dependability: Executes predictably and operates correctly under all conditions, including:

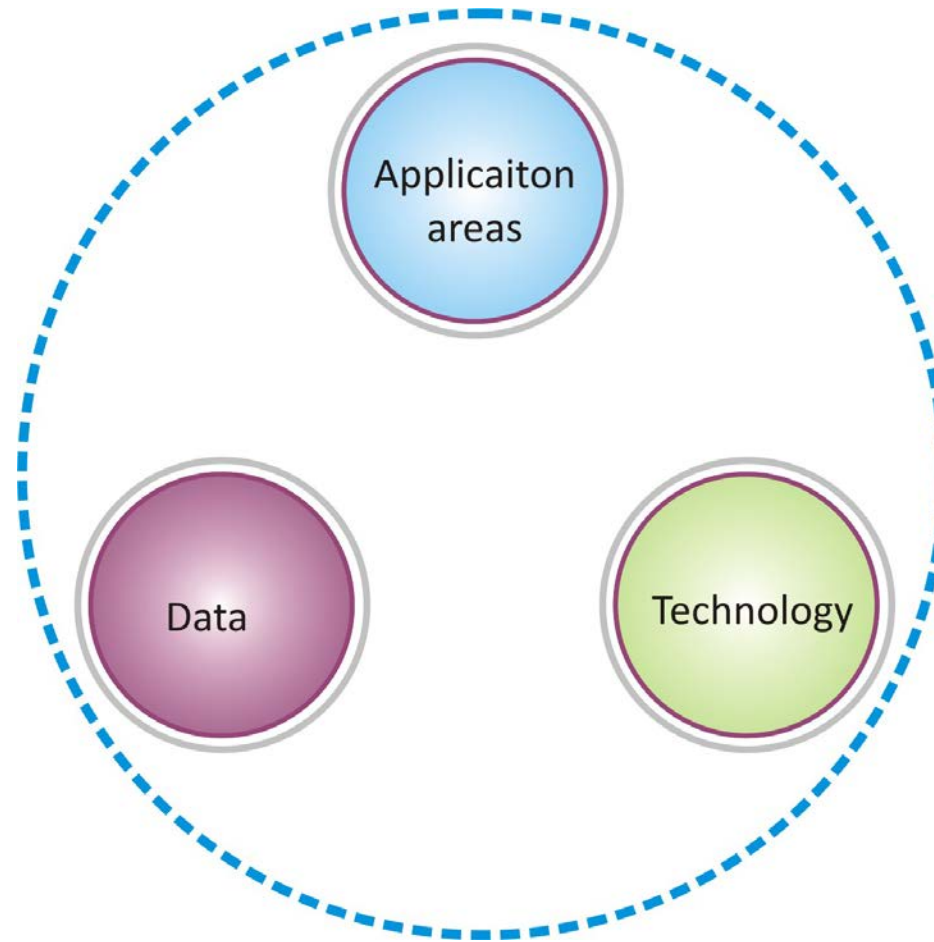
- Hostile conditions,
- Under attack,
- Runs on a malicious host.

Trustworthiness : Contains a few vulnerabilities or weaknesses. The software must contain no malicious logic.

Survivability : Software is resilient enough to either

- Resist or tolerate.
- Recover as quickly as possible, and with as little damage as possible

Security Concerns at the Beginning



Phases Development

