

Differences and Complementarities Between Cybersecurity and Information Security

Information Security vs. Cybersecurity



Information Security (InfoSec):
Protects information in all
forms. CIA Triad:
Confidentiality, Integrity,
Availability.



Cybersecurity: Focuses on
protecting digital data from
online threats.

Differences in Scope

InfoSec: Protects
physical and digital
data.

Cybersecurity:
Defends against
online threats
(ransomware,
phishing).

InfoSec Analysts vs. Cybersecurity Analysts

InfoSec Analysts:
Broad oversight,
compliance, and
data governance.

Cybersecurity
Analysts: Technical
defense against
cyberattacks.

An Interdependent Relationship



CYBERSECURITY: A
SUBSET OF INFOSEC.



EXAMPLE: SOLARWINDS
INCIDENT (2020).

Impact on Organizations



Clear role definitions and collaboration.



Communication across teams.

Changing Skillsets



Adapting to growing threats.



Combining InfoSec and
Cybersecurity expertise.

Conclusion



INFOSEC: BROAD
APPROACH.



CYBERSECURITY:
TECHNICAL FOCUS.



COLLABORATION IS
ESSENTIAL.