COMPARISON

Information Technology

vs.

Information Security

Different Sides Of The Same Coin

Information Technology

Responsible for hardware, software, and new technology

Information Security

Responsible for systems, processes, and risks posed by end users

Information Technology

Ensuring hardware, software, and other network components remain functional

Information Security

Protecting data and assets

Information Technology

Ensuring hardware, software, and other network components remain functional

Information Security

Protecting data and assets

INFORMATION TECHNOLOGY

Implements controls

INFORMATION SECURITY

Identifies which controls to implement and tests controls to ensure they are working as intended

INFORMATION TECHNOLOGY

Keeps hardware, software, applications updated and patched

INFORMATION SECURITY

Keeps up-to-date on new threats and cyber attacks that emerge daily

INFORMATION TECHNOLOGY

Often measured in up-time and response time

INFORMATION SECURITY

Recommends and prioritizes action plans and solutions to mitigate risks

INFORMATION TECHNOLOGY

"Fix it first" approach

INFORMATION SECURITY

"Secure it first" approach

IT and Information Security must work together to create a secure environment in any organization.

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