T2025_25 Adopt Zero Trust Principles: Never Trust, Always Verify (October 7th , 2025)

Traditional perimeter security trusts everything inside the network, allowing attackers who get in to move laterally and access sensitive systems.
Zero Trust "never trust, always verify" treats every user, device, and connection as untrusted and requires continuous identity and device verification before access is granted. Implement it with strong MFA, least-privilege access, network segmentation/micro-segmentation, continuous monitoring and logging, and a phased rollout across your infrastructure.

References

- CISA. (2023). Zero Trust maturity model. Cybersecurity and Infrastructure Security Agency. Retrieved September 29, 2025, from https://www.cisa.gov/zero-trust-maturity-model

- NIST. (2020). Zero Trust architecture. National Institute of Standards and Technology. Retrieved September 29, 2025, from https://www.nist.gov/publications/zero-trust-architecture