Problem Statement

Data transmission and encryption standards continue to evolve as new weaknesses and vulnerabilities are discovered. Devices that are not properly maintained could lead to exploitation by bad actors and, as a result, could put Princeton University information at risk.

ISO Position

All University servers and devices including development, QA, and production, should be configured using the latest recommended standards. These standards include the following:

- a current SHA2 certificate issued by the University certificate service
- use of TLS 1.1 and above
- strong ciphers
- no use of SSL 2.0 and SSL 3.0

Additional Information

Certificates: How to request a digital certificate for a web server at Princeton University