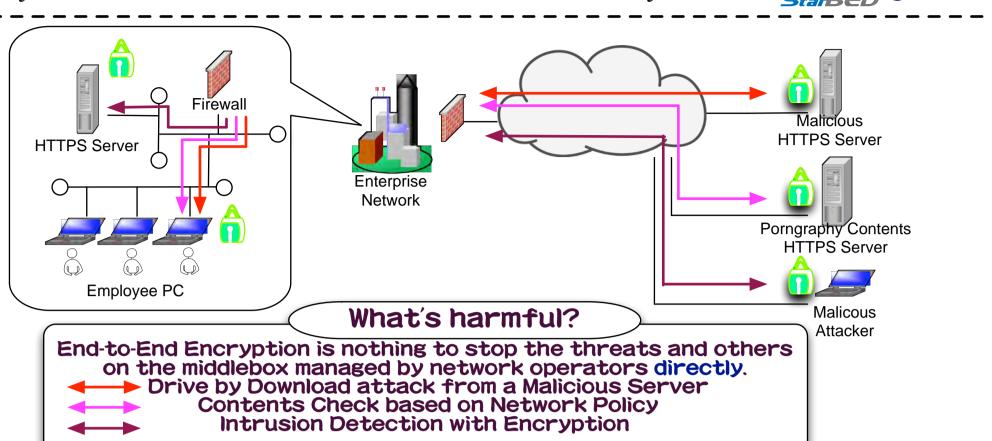


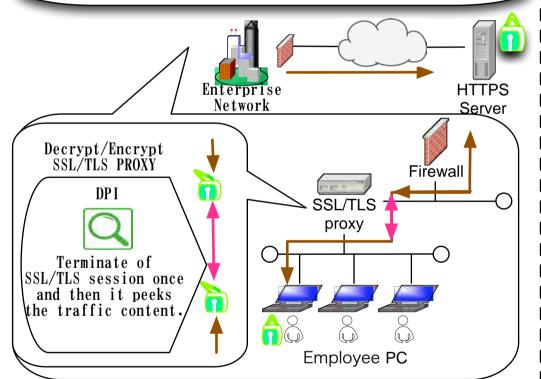
Ryosuke Miura

Yuuki Takano

Tomoya Inoue



Current the Proxy method

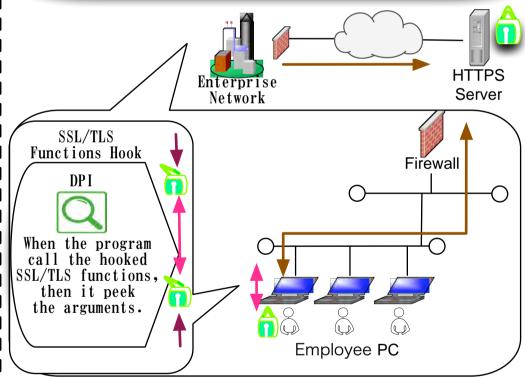


Decrypt/Encrypt with SSL/TLS proxy

Problems

- 1. The Employee PC can not identify the certificates by HTTPS Server.
- 2. Two distinct SSL session caused amount of calclation.

Propose the Hook Method



SSL/TLS API Hook

- SSL/TLS Hook can directly identify the certificates by HTTPS Server in transparency SSL/TLS Functions Hook.
 No more CPU power with an identical SSL session only.
- Essentially Encryption should be divided by each of management segment.