Project 2501 22:30 01:00 Day: 4 Track: Security & Hacking en

Chef: 2433 Lindworm: 5463 Emergency: 112 Security: 110 Heaven: 1023 Speakers Desk: 1020 Info Desk: 1111

Translation (check if available): 8011 Technical Coordinator: 1611

Title: TLS interception considered harmful

Subtitle: How Man-in-the-Middle filtering solutions harm the security of HTTPS

Speaker: hanno

With the more widespread use of encrypted HTTPS connections many software vendors intercept these connections by installing a certificate into the user's

> browser. This is widely done by Antivirus applications, parental filter software or ad injection software. This can go horribly wrong, as the examples of Superfish

> and Privdog have shown. But even if implemented properly these solutions almost

always decrease the security of HTTPS.