

trusted platform module tpm pdf

Trusted Platform Module (TPM) Summary TPM (Trusted Platform Module) is a computer chip (microcontroller) that can securely store artifacts used to authenticate the platform (your PC or laptop). These artifacts can include passwords, certificates, or encryption keys. A TPM can also be used to store platform measurements that help ensure that the platform remains trustworthy.

Trusted Platform Module (TPM) - Trusted Computing Group

Trusted Platform Module (TPM) is a major building block to achieve the goals of a trusted computing system. ... Primarily used by the TPM as its trusted hash algorithm Exposed to the outside to be used in the boot process TPM is not a crypto accelerator No regular structure

Trusted Platform Module - Computer Science

4 Trusted Platform Module (TPM) Quick Reference Guide Trusted Platform Module (TPM) The Trusted Platform Module is a component on the desktop board that is specifically designed to enhance platform security above-and-beyond the capabilities of today's software by providing a protected space for key operations and other security critical tasks.

Trusted Platform Module (TPM) - Intel

The Trusted Platform Module (TPM) is a special add-on module. It holds computer-generated encryption keys used to bind and authenticate input and output data passing through a system.

Trusted Platform Module (TPM) TCG 1.2 / 2

4 Trusted Platform Module Quick Reference Trusted Platform Module (TPM) The Trusted Platform Module is a component on the desktop board that is specifically designed to enhance platform security above -and -beyond the capabilities of today's software by providing a protected space for key operations and other security critical tasks.

Trusted Platform Module (TPM) Quick Reference Guide

TPM Trusted Platform Module • Secure crypto-processor Uses • Remote Attestation • Binding, Sealing : Data encryption Applications • Platform Integrity

TPM: Trusted Platform Module - zxr.io

Trusted Platform Module 1. Overview The OPS-TCIS-PS includes a "Trusted Platform Module". This TPM 2.0 compatible device is used to generate and store keys that are used by various software systems. One such system is the BitLocker software that comes with Windows 10 Pro. For an in-depth description of TPM technology refer to the Microsoft ...

Trusted Platform Module - necdisplay.com

A Trusted Platform Module (TPM) is a microchip designed to provide basic security-related functions, primarily involving encryption keys. The TPM is usually installed on the motherboard of a computer, and it communicates with the remainder of the system by using a hardware bus.

TPM fundamentals (Windows 10) | Microsoft Docs

the Trusted Platform Module, or TPM. TPMs have been used in a wide variety ... The Trusted Platform Module (TPM) is a crypto- ... on a trusted platform, all software is "measured" (that is, hashed) before it is executed. Measured Boot is a critical part of the TCG

Trusted Platform Module Evolution - The Johns Hopkins

Trusted Platform Module Overview 1 Overview The SLB 9670 is a Trusted Platform Module and is based on advanced hardware security technology. This TPM implementation has achieved CC EAL4+ certification and serves as a basis for other TPM products and firmware upgrades. It is available in PG-VQFN-32-13 package.

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