

Intel® SGX Data Center Attestation Primitives (Intel® SGX DCAP) for Linux* OS

Release Notes

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Revision: 1.0.1 Gold (version: 1.0.101.48192)

Contents:

[Introduction](#)

[What's New](#)

[System Requirements](#)

[Disclaimer and Legal Information](#)

1 Introduction

Attestation is a process of demonstrating that a software executable is properly instantiated on a platform. The Intel® Software Guard Extensions (Intel® SGX) attestation allows a remote party to ensure that a particular software is securely running within an enclave on an Intel SGX enabled platform. This document provides system requirements, limitations, and legal information.

2 What's New

Intel® Software Guard Extensions Data Center Attestation Primitives (Intel® SGX DCAP) includes the following changes in version 1.0.1:

- Updated the cryptography library to the Intel® Integrated Performance Primitives Cryptography 2019 Update 1.

Changes in Previous Releases

Intel® Software Guard Extensions DCAP includes the following changes in version 1.0 (Intel® SGX DCAP 1.0 Gold release):

- Provided the Quote Verification Library and a corresponding sample project. Note that this library is only provided in source code in the Intel® SGX DCAP project repository.
- Provided the Quote Generation Library and a corresponding sample project.

- Provided a sample project for the Platform Provider Library.

3 System Requirements

Hardware Requirements

- Intel® Xeon® E Processor based Server
- Intel® SGX option enabled in BIOS with the Flexible Launch Control support.

Software Requirements

- Supported Linux* OS distributions:
 - Ubuntu* 16.04 LTS 64-bit Server version
 - Ubuntu* 18.04 LTS 64-bit Server version.

NOTE: It is highly recommended to use the listed Linux* OS distributions. Other distributions have not been tested.

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