

Intel® Software Guard Extensions Evaluation SDK for Linux* OS Release Notes

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1 Introduction

Intel provides Intel® Software Guard Extensions Evaluation (Intel® SGX) SDK, a software isolation technology, to help you protect your applications.

This document provides system requirements, installation instructions, limitations and legal information.

Product Contents

Intel® Software Guard Extensions Evaluation SDK package includes:

- An Intel® Software Guard Extensions SDK installer for Linux* OS. It includes binaries to develop enclave applications. The main components include:
 - Trusted libraries, including standard C library, C++ runtime support, C++ STL, and others
 - Development tools, including edger8r, signing tool, and others
 - Sample projects

2 What's New

- Support for profiling SGX applications using Intel® VTune™ Amplifier. To profile SGX applications, use VTune™ Amplifier 2016 Update 2 which contains an analysis type, `SGX Hotspots`
- Intel® SGX Eclipse* plug-in to create SGX enclave projects
- Release the open source code package

3 System Requirements

Software Requirement

- Supported Linux* OS distributions:
 - Ubuntu* 14.04 LTS 64-bit version

Note:

Recommend to use the listed Linux* OS distribution. Other distributions are not supported.

Hardware Requirement

See the *Revision History* section of the *Intel® Software Guard Extensions Platform Software for Linux* OS Release Notes*.

4 Known Issues and Limitations

- Intel® SGX for Linux* OS does not support power management.
- Intel® SGX for Linux* OS does not support setting different charset in GNU* Project Debugger (GDB*).

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