

Late Coverage of Confidential Computing Consortium

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- [Microsoft Partners With Google, Intel, And Others To Form Data Protection Consortium](#)[3]

The software maker joined Google Cloud, Intel, IBM, Alibaba, Arm, Baidu, Red Hat, Swisscom, and Tencent to establish the Confidential Computing Consortium, a group committed to providing better private data protection, promoting the use of confidential computing, and advancing open source standards among members of the technology community.

- [#OSSUMMIT: Confidential Computing Consortium Takes Shape to Enable Secure Collaboration](#)[4]

At the Open Source Summit in San Diego, California on August 21, the Linux Foundation announced the formation of the Confidential Computing Consortium. Confidential computing is an approach using encrypted data that enables organizations to share and collaborate, while still maintaining privacy. Among the initial backers of the effort are Alibaba, Arm, Baidu, Google Cloud, IBM, Intel, Microsoft, Red Hat, Swisscom and Tencent.

?The context of confidential computing is that we can actually use the data encrypted while programs are working on it,? John Gossman, distinguished engineer at Microsoft, said during a keynote presentation announcing the new effort.

Initially there are three projects that are part of the Confidential Computing Consortium, with an expectation that more will be added over time. Microsoft has contributed its Open Enclave SDK, Red Hat is contributing the Enarx project for Trusted Execution Environments and Intel

is contributing its Software Guard Extensions (SGX) software development kit.

Lorie Wigle, general manager, platform security product management at Intel, explained that Intel has had a capability built into some of its processors called software guard which essentially provides a hardware-based capability for protecting an area of memory.

[Linux OSS](#)

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