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Intel Issues Updates to Protect Systems From Security Exploits

Intel and Its Partners have Made Significant Progress in Deploying Updates as Software Patches and Firmware Updates

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Intel has developed and is rapidly issuing updates for all types of Intel-based computer systems -- including personal computers and servers -- that render those systems immune from both exploits (referred to as "Spectre" and "Meltdown") reported by Google Project Zero. Intel and its partners have made significant progress in deploying updates as both software patches and firmware updates.

Intel has already issued updates for the majority of processor products introduced within the past five years. By the end of next week, Intel expects to have issued updates for more than 90 percent of processor products introduced within the past five years. In addition, many operating system vendors, public cloud service providers, device manufacturers and others have indicated that they have already updated their products and services.

Intel continues to believe that the performance impact of these updates is highly workload-dependent and, for the average computer user, should not be significant and will be mitigated over time. While on some discrete workloads the performance impact from the software updates may initially be higher, additional post-deployment identification, testing and improvement of the software updates should mitigate that impact.

System updates are made available by system manufacturers, operating system providers and others.

Intel will continue to work with its partners and others to address these issues, and Intel appreciates their support and assistance. Intel encourages computer users worldwide to utilize the automatic update functions of their operating systems and other computer software to ensure their systems are up-to-date.

For information and links to useful resources, visit the [security research findings page on Intel.com](#).

About Intel

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