

HYP\_Link

## Intel Developer Cloud Available for Public Beta Evaluation

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### RECENT DEVELOPMENT

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Introduced at Intel Innovation 2022 as a resource to private beta users, the [Intel Developer Cloud was opened to the public as a beta resource](#) at Intel Innovation 2023. The goal is to make new and future hardware platforms available for pre-launch development and testing to give developers, customers, and researchers early and efficient access to Intel technologies from a few months up to a full year ahead of product availability.

### ANALYST COMMENT

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Research has consistently shown that access to new technologies and innovations is a primary driver for users to adopt HPC resources in the cloud. Early access allows users to evaluate various technologies prior to deciding what to purchase for their next major procurements while also supporting porting of user codes and applications prior to having them available on-premises. These benefits have historically been provided by traditional cloud service providers (CSPs) but are now increasingly being provided directly by hardware component vendors for their new innovations.

Intel Developer Cloud is a wise move by Intel. By providing broad, early access to its latest technologies and product offerings, Intel can accelerate evaluation and adoption of its most recent innovations. With oneAPI, users may be able to more readily migrate from one platform to another. This is especially important with the evolving maturity of Intel's Habana Gaudi2 processors for emerging large-scale large language models (LLMs).

This announcement comes at a critical time for Intel. AMD has seen considerable success in leadership-class HPC systems and NVIDIA has firmly established itself as the market leader for GPUs. At the same time, CSPs are developing their own AI processor IP and numerous vendors are attempting to establish footholds in the nascent and rapidly growing AI processor market. To close the gap with AMD and NVIDIA and stay ahead of the AI processors startups, Intel must execute on its roadmap with reliable products and create as simple and frictionless a path as possible for users to evaluate and adopt its solutions.

Users should welcome the ability to access and evaluate Intel's latest innovations. Should Intel continue to execute and deliver innovative solutions and make them easily available for users to test, users may well drive NVIDIA and AMD to cede market share to Intel.

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