Intel® DevCloud setup for new users

Step by step

intel®

Note:

These are instructions to setup up a NEW DevCloud account.

If you have already a DevCloud account you do NOT have to follow this presentation, just access https://devcloud.intel.com/oneapi/get_started/ and sign in

Step 1) Visit https://devcloud.intel.com/oneapi/get_started/ and "Sign In"

Intel® DevCloud for oneAPI

Overview Get Started Documentation Forum

The Intel DevCloud is a development sandbox to learn about programming cross architecture applications with OpenVino, High Level Design (HLD) tools – oneAPI, OpenCL, HLS – and RTL.

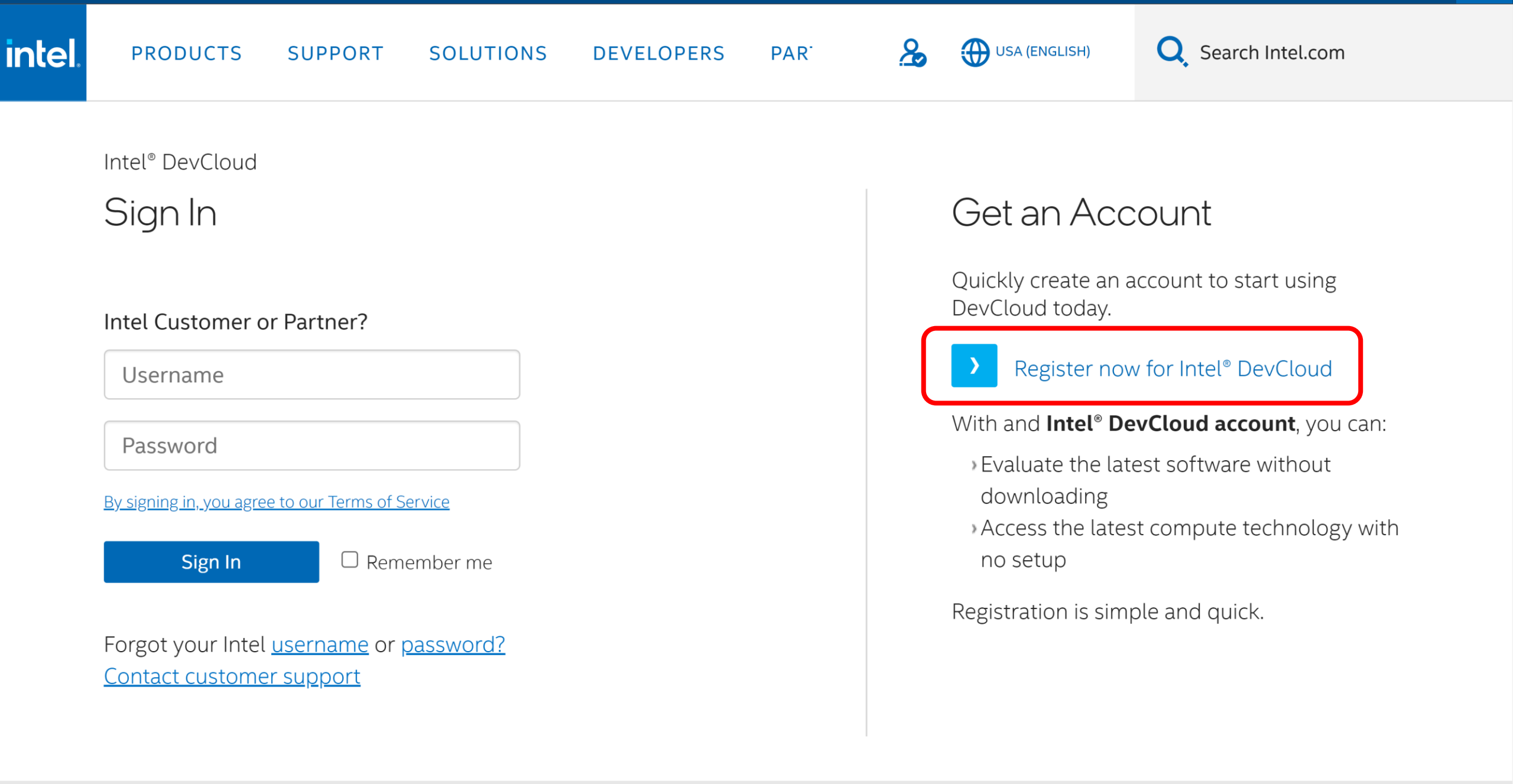
Get Free Access

Sign in

Explore Intel oneAPI Toolkits in the DevCloud

These toolkits are for performance-driven applications—HPC, IoT, advanced rendering, deep learning frameworks—that are written in DPC++, C++, C, and Fortran languages. Select a toolkit to see what it includes, explore training modules, and go deeper with developer guides.

Step 2) Click the “Register now for Intel® DevCloud” link



Step 3) Fill out the “Basic Contact Information” section

Create an Intel® DevCloud Account

Sign up for immediate access to the latest Intel technology without downloads or hardware setup.

Intel Employee? Create account here

All fields are required except any fields specifically marked as optional.

Basic Contact Information

First Name

Last Name

Email Address

Username

Password

Confirm Password

Step 4) Fill out the “More About you” section

Basic Contact Information

Edit

More About you

What is your purpose for using Intel® Devcloud (Select all that apply)

- [ ] HPC Workloads
- [x] AI Training
- [ ] AI Inference

Business or Institution Name

<Enter your business or Institution name here>

What type of user are you?

Teacher/Professor

Step 5) Select what applies and click the “Next Step” button

Subscribe to optional email updates from Intel

- [ ] Select all subscriptions below
- [ ] Developer Zone Newsletter
- [ ] Edge Software Hub Product Communication
- [ ] Programmable Logic Product Announcements
- [ ] Programmable Logic Newsletters
- [ ] Software Developer Product Insights

- [ ] Yes, I would like to subscribe to stay connected to the latest Intel technologies and industry trends by email and telephone. I can unsubscribe at any time.

Next Step

Step 6) Accept the Terms and Conditions and click the "Submit" button

More About you

Edit

Terms and Conditions

I have read and accept the Intel® DevCloud Agreement

By submitting this form, you are confirming you are an adult 18 years or older and you agree to share your personal information with Intel to stay connected to the latest Intel technologies and industry trends by email and telephone. You can unsubscribe at any time. Intel's web sites and communications are subject to our Privacy Notice and Terms of Use.

This site is protected by reCAPTCHA and the Google Privacy Policy and Terms of Service apply.

Submit

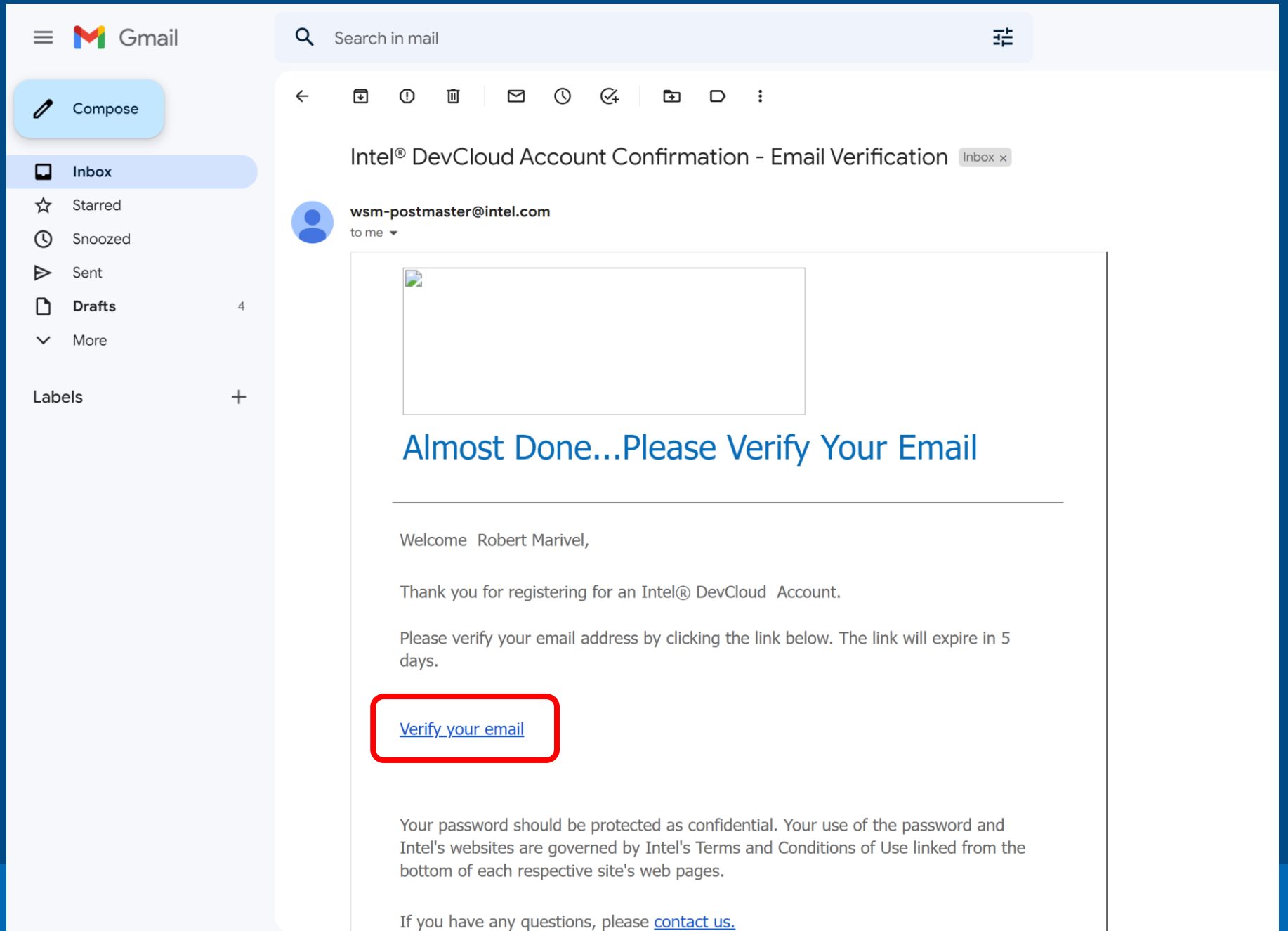
Step 7) Check your email to verify your email address

Almost there!

Check your email for the verification link and **sign in**. The link will expire in 5 days.

Didn't receive the email? Check your spam or junk folder or click on Resend email below. Click Here

Step 8) Click the "Verify your email" link in the email sent by wsm-postmaster@intel.com



Step 9) Your email address has been verified. Click the “Sign In” link

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< Sign In

Verify Your Email Address

Thank you for verifying your email address. You will be redirected to the site in a few seconds.

Sign In FAQ

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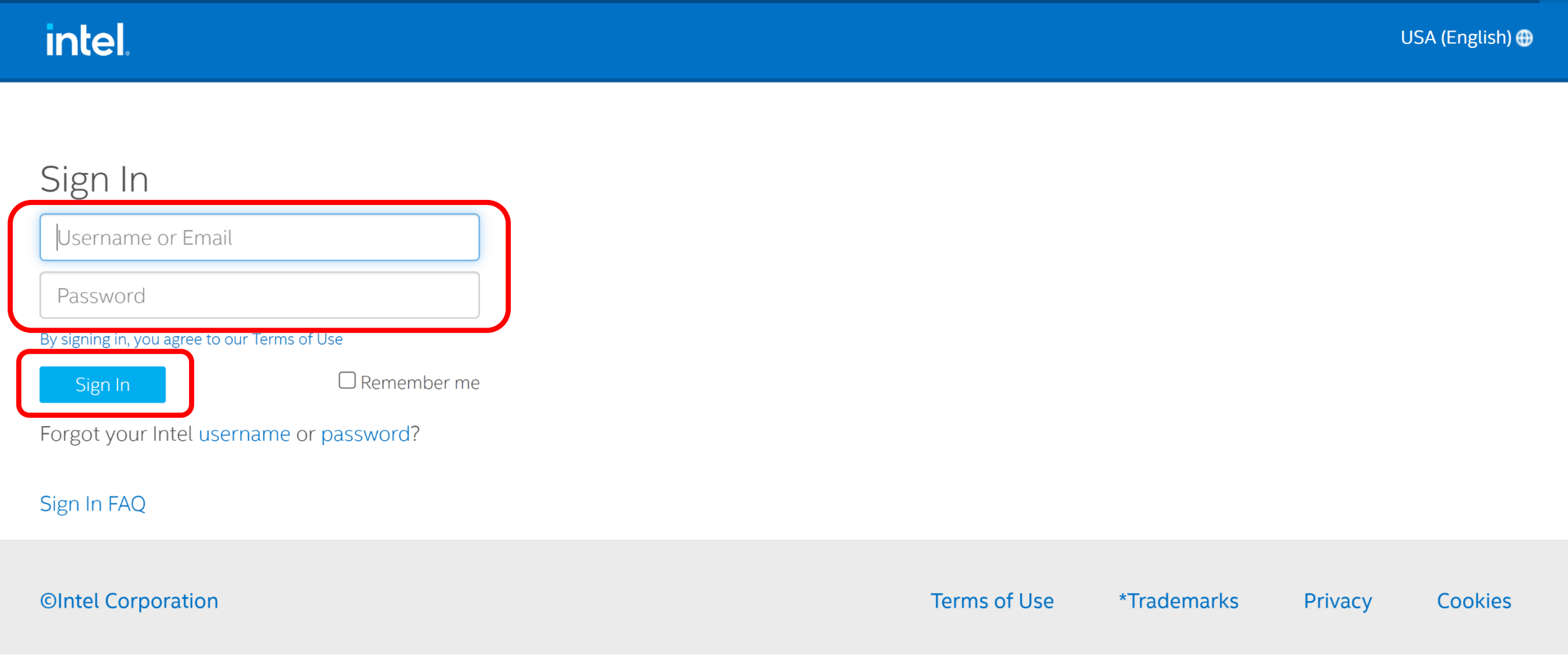
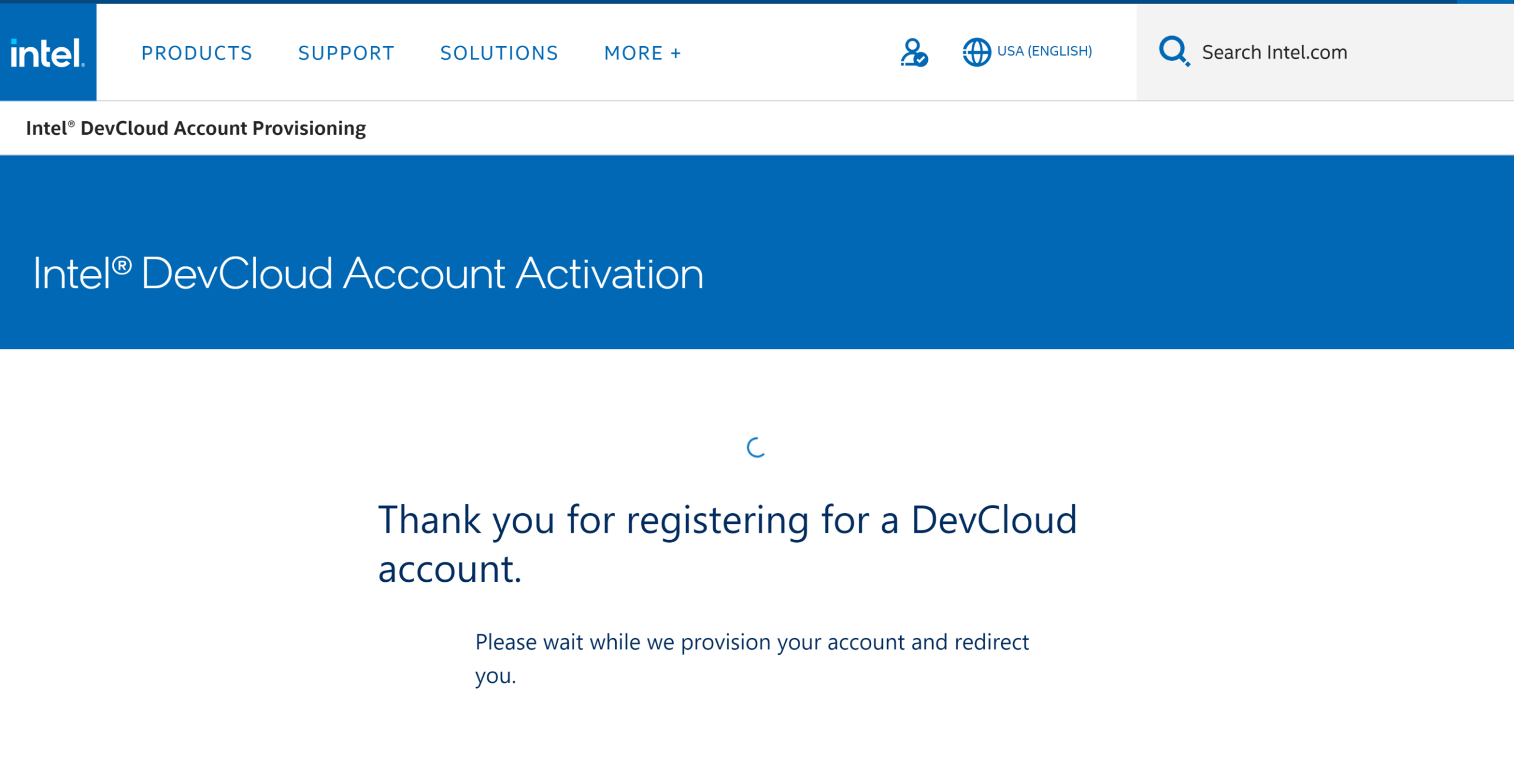
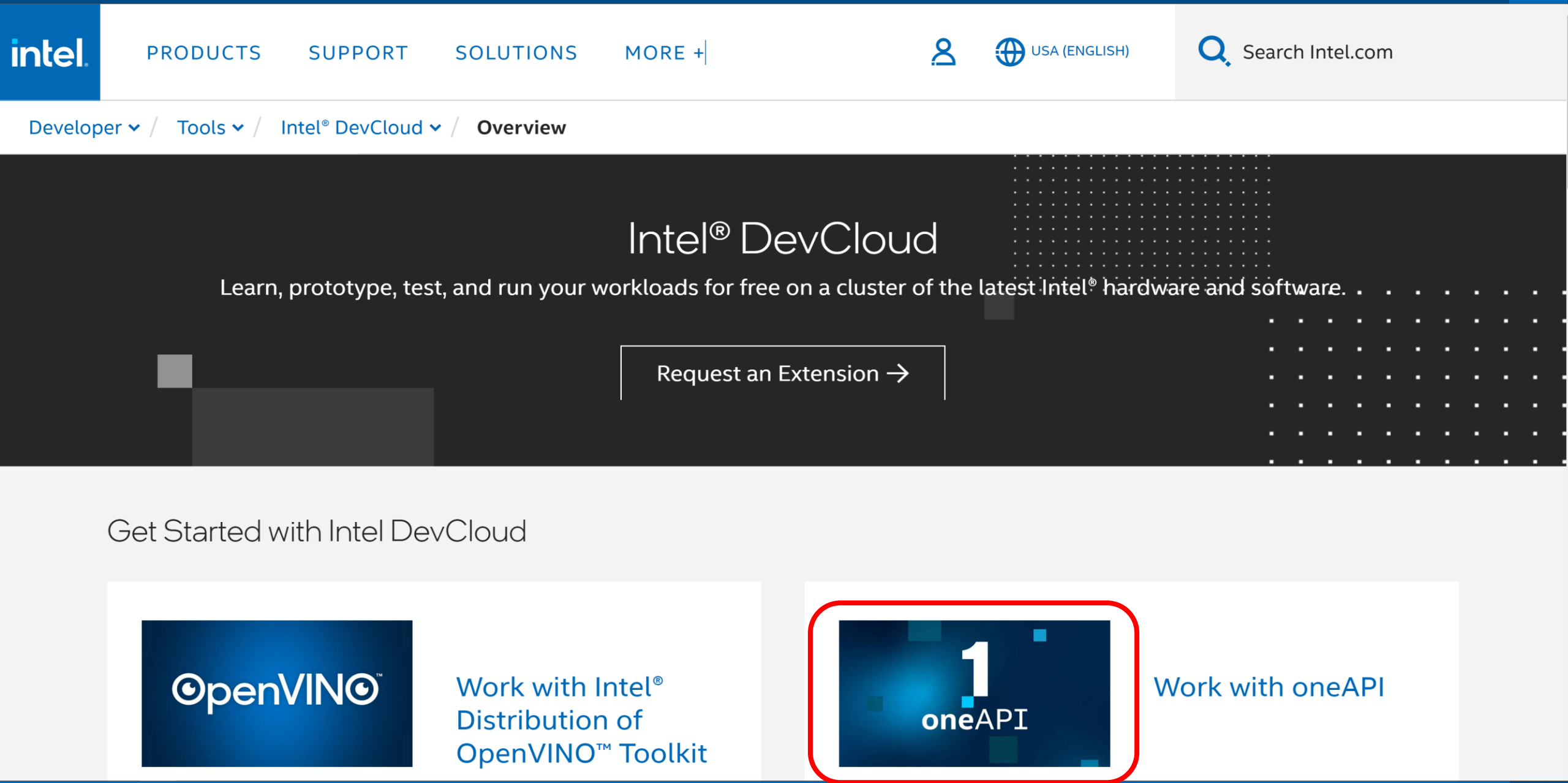
Step 10) Fill out the Username/Email and Password fields and click the “Sign In” button



Step 11) Wait for the account activation. Once done you will be redirected



Step 12) Visit https://www.intel.com/content/www/us/en/developer/tools/devcloud/overview.html and click the "1 oneAPI" picture



Step 13) Visit https://devcloud.intel.com/oneapi/get_started/

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Software / Tools / DevCloud / oneAPI

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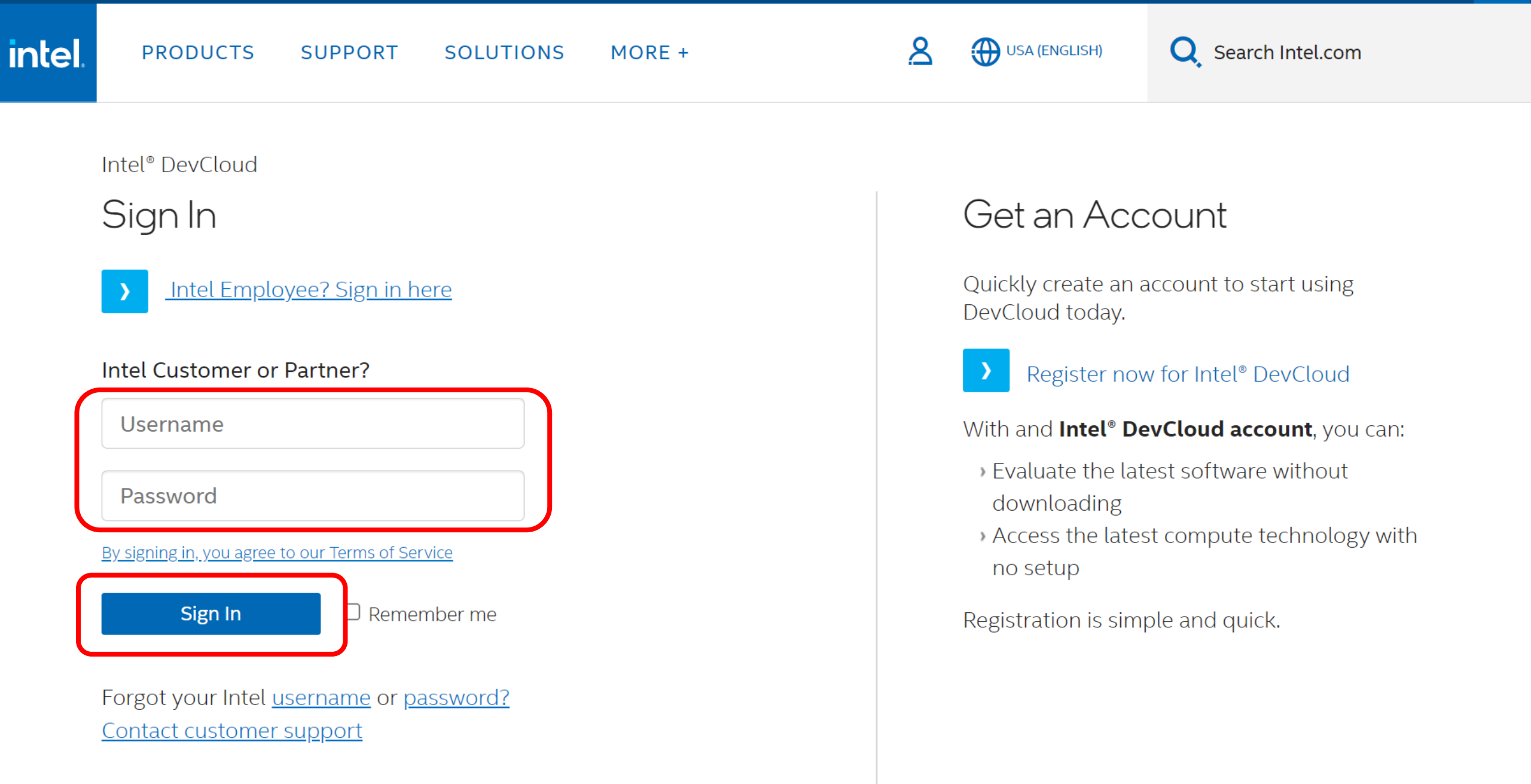
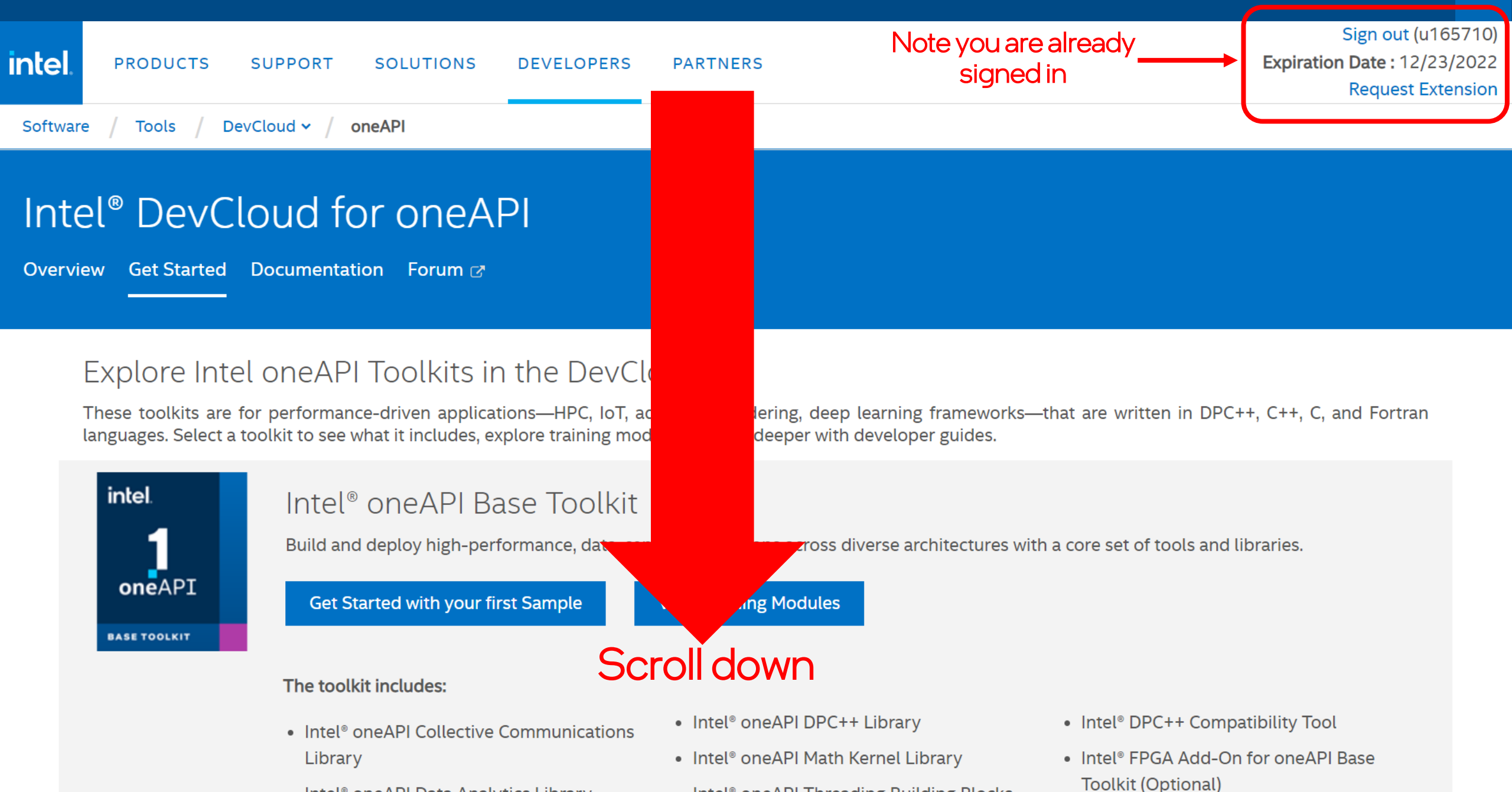
Step 14) Fill out your credentials and click the “Sign In”



Step 15) Note you are signed it. Then scroll down all the way



Step 16) Click the "Launch JupyterLab*" link

RTL Acceleration Functional Unit

The revolutionary Intel® Quartus® Prime Design Software includes everything you need to design for Intel® FPGAs, SoCs, and complex programmable logic device (CPLD) from design entry and synthesis to optimization, verification, and simulation. Dramatically increased capabilities on devices with multi-million logic elements are providing designers with the ideal platform to meet next-generation design opportunities.

Build and design using standard logic gates. Great for visualization and education.

Get Started with your first Sample

Connect with Jupyter* Lab

Connect with Jupyter* Notebook

Use Jupyter Notebook to learn about how oneAPI can solve the challenges of programming in a heterogeneous world and understand the Data Parallel C++ (DPC++) language and programming model.

Launch JupyterLab*

Training Resources

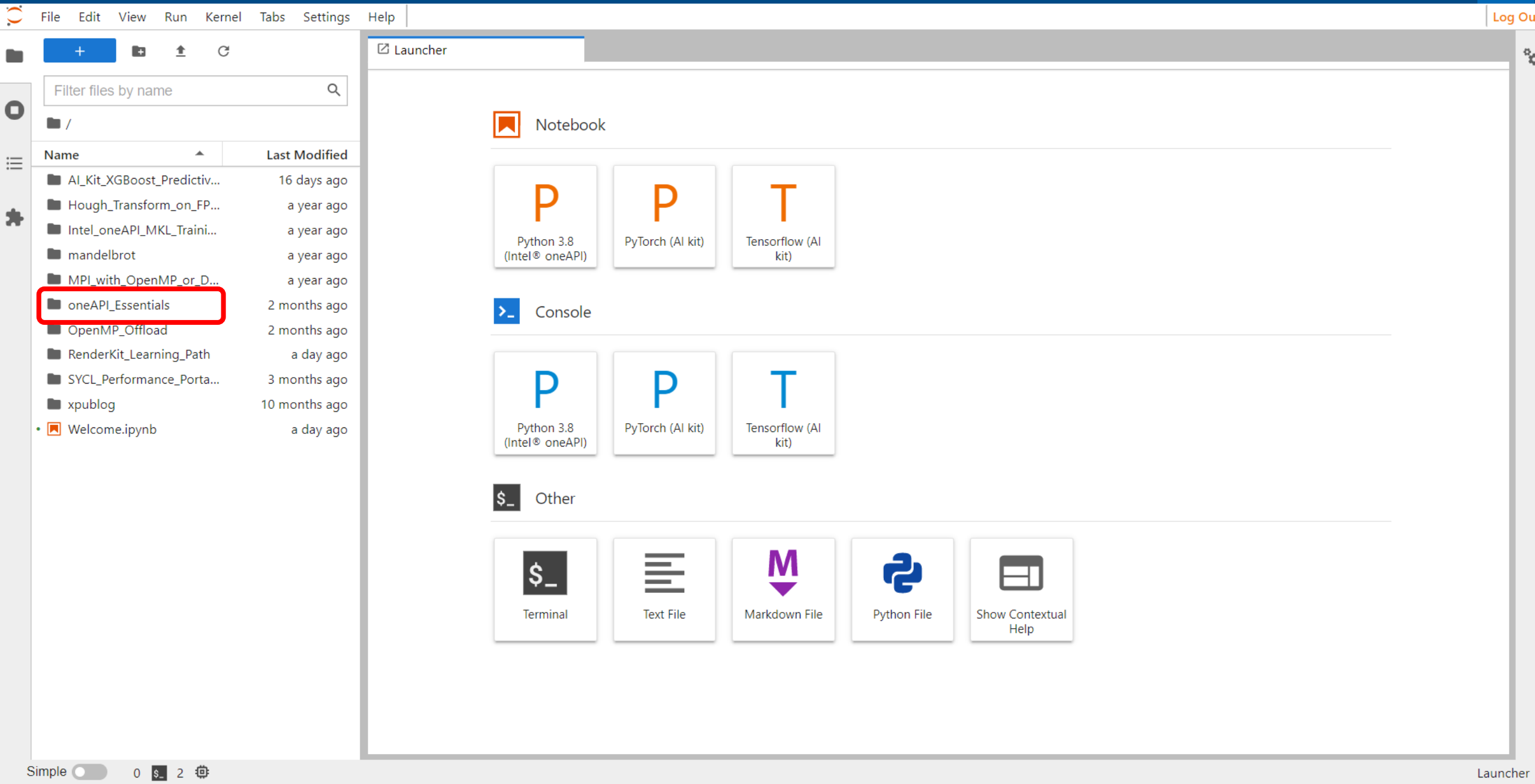
DevCloud Commands

Learn about the features of the compute nodes, data management, and how to submit, query, and delete your jobs.

Introduction to oneAPI and Essentials of Data Parallel C++

Use Jupyter Notebook* to learn about how oneAPI can solve the challenges of programming in a heterogeneous world and understand the Data Parallel C++ (DPC++) language and programming model.

Step 17) Access the "RenderKit_Learning_Path" folder



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