Optick Instant AI Ready VS Code Server

Usage instructions:

1.   Launch the product via 1-click from AWS Marketplace. **Wait** until the instance status changes to 'Running' and passes all health checks. Then, connect to your instance using your Amazon private key and the '**ubuntu**' user."

> To update software, use: **sudo apt update && sudo apt upgrade -y**
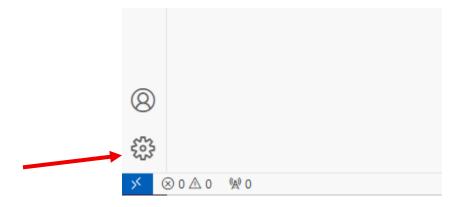
Access the VS Code-in-Browser IDE

1. Open your browser to:

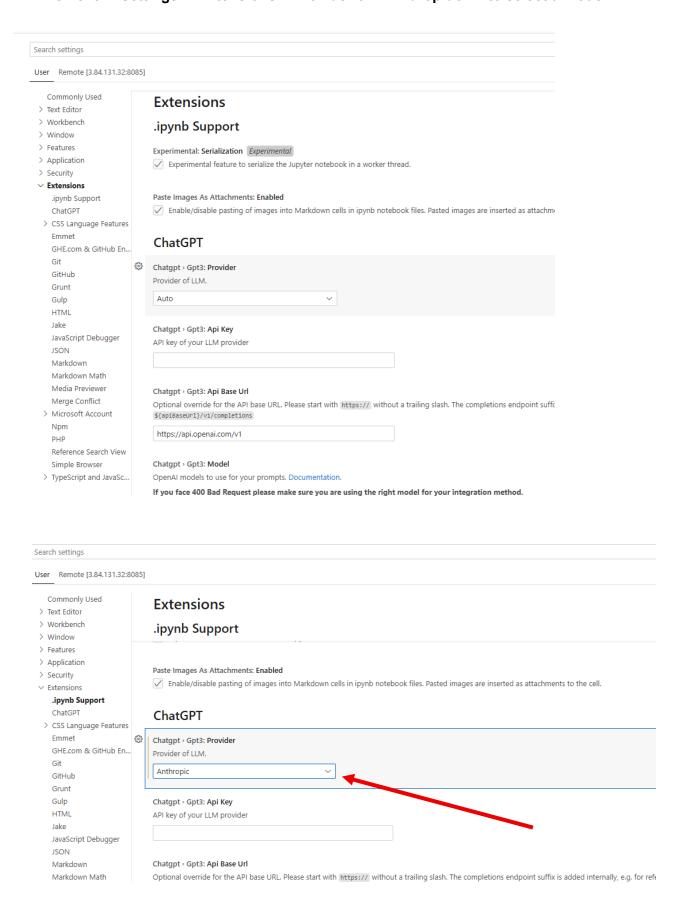   **http://Your_Instance_PublicIP_Address:8085**

   - **Note:** You can retrieve your login password. Run this command inside your instance:

     awk -F': ' '/^password:/ {print $2}' ~/.config/code-server/config.yaml

Select You AI Model. Click the Extensions tab (gear icon) at the bottom left of page.

Then click "Settings" >Extensions > Provider of LLM drop down to select a model.

User   Remote [3.84.131.32:8085]

Commonly Used
> Text Editor
> Workbench
> Window
> Features
> Application
> Security
∨ **Extensions**
  .ipynb Support
  ChatGPT
> CSS Language Features
  Emmet
  GHE.com & GitHub En...
  Git
  GitHub
  Grunt
  Gulp
  HTML
  Jake
  JavaScript Debugger
  JSON
  Markdown
  Markdown Math
  Media Previewer
  Merge Conflict
> Microsoft Account
  Npm
  PHP
  Reference Search View
  Simple Browser
> TypeScript and JavaSc...

Extensions

.ipynb Support

Experimental: Serialization *Experimental*

☑ Experimental feature to serialize the Jupyter notebook in a worker thread.

Paste Images As Attachments: Enabled

☑ Enable/disable pasting of images into Markdown cells in ipynb notebook files. Pasted images are inserted as attachm

ChatGPT

⚙ Chatgpt › Gpt3: **Provider**
Provider of LLM.

| Auto | ⌄ |

Chatgpt › Gpt3: **Api Key**
API key of your LLM provider

[   ]

Chatgpt › Gpt3: **Api Base Url**
Optional override for the API base URL. Please start with `https://` without a trailing slash. The completions endpoint suffi
`${apiBaseUrl}/v1/completions`

[https://api.openai.com/v1   ]

Chatgpt › Gpt3: **Model**
OpenAI models to use for your prompts. Documentation.

If you face 400 Bad Request please make sure you are using the right model for your integration method.

User   Remote [3.84.131.32:8085]

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| Anthropic | ⌄ |

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API key of your LLM provider

[   ]

Chatgpt › Gpt3: **Api Base Url**
Optional override for the API base URL. Please start with `https://` without a trailing slash. The completions endpoint suffix is added internally, e.g. for refe

Select a Model Use the **"Provider of LLM"** dropdown to select or configure your model (e.g., GPT-4, CodeLlama, etc.).

Get Started Coding with AI

- Open the AI Chat panel or use your extension's commands (e.g. Ctrl+Shift+P → "OpenAI: Chat").

- Try prompts such as:

"Generate a Dockerfile for a Python FastAPI app."

- Use inline completions and code suggestions directly in the editor.

For additional help with extension view:

https://code.visualstudio.com/docs/copilot/copilot-extensibility-overview
https://github.com/coder/code-server

AWS Data

- Data Encryption Configuration: This solution does not encrypt data within the running instance.

- User Credentials are stored: /root/.ssh/authorized_keys & /home/ubuntu/.ssh/authorized_keys

- Monitor the health:

  o Navigate to your Amazon EC2 console and verify that you're in the correct region.

  o Choose Instance and select your launched instance.

  o Select the server to display your metadata page and choose the Status checks tab at the bottom of the page to review if your status checks passed or failed.

<u>Extra Information:</u> (Optional)

Allocate Elastic IP

To ensure that your instance **keeps its IP during restarts** that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.
7. Your instance now has an elastic IP associated with it.
8. For additional help: https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/elastic-ip-addresses-eip.html