

OVERVIEW

These release notes provide a list of changes to the Carbon DLS API, including resolved issues, new features, known issues, and coming soon. In this release, we have added the following features:

- **API version 0.2.3 has been released**
- **The endpoint PATCH /printers/queues has been added to enable the adjustment of queues**

You can find the entire process from generating an API key to testing your JWT token on our API repo located at <https://github.com/carbon3d/carbon3d-api>.

The Carbon DLS API is provided as an OpenAPI spec ([api.yaml](#)). This spec allows you to generate client libraries in many languages. A list of supported OpenAPI generators is available [here](#).

If you have any questions and/or feedback, please contact api-list@carbon3d.com.

RESOLVED FEATURES

1. **route_to parameter has been removed in PartOrders (POST /part_orders)) (CLP-17503)**

The route_to parameter has been removed.

NEW FEATURES

1. **The endpoint Queues (PATCH /printers/queues) has been added (CLP-16831)**

PATCH /printers/queues allows a printer's queue to be modified by using PrinterQueueDeleteRequest or PrinterQueueMoveRequest . More information (and examples) can be found on the API Docs page.

2. **Reduced parker speed to increase packing density (CLP-17568)**

By increasing the probability of creating a more densely packed build, we slightly increased the time required for a build to be packed. Please reach out to your Carbon Technical Partner for more information.

KNOWN ISSUES

For some of the known issues we do have workarounds. However, we are still working to solve the issue at hand.

- On occasion, PartOrders are unnecessarily fragmented across several builds (CLP-17525)
- Builds created via API are unable to be adjusted in the printer UI when queued directly from the printer. (CLP-17191)

- *Workaround:* The current workaround is to download the .carbon file and then create a project using that file.
- *Fix timeline:* The fix to this issue requires a printer software update. We target to have a solution for this in v1.28 which is targeted to be released by mid-November.
- Offset parameter currently appears on the API docs under PrintOrders (*GET /print_orders*) and will be removed in the next update (CLP-17471)

Please reach out to our API support group at api-list@carbon3d.com or file issues on our GitHub repo.

IMPROVEMENTS COMING SOON

The following will be implemented in an upcoming release:

- Reducing the amount of fragmentation seen across parts