# BUILD
## WITH US

**Build B2B Solutions using Shopify APIs - Webinar Q&A**

| | |
|---|---|
| **Can we show our B2B collection products to merchants through Shopify's B2B API? Like the Payment APP.** | No, Shopify does not offer extension points that allow routing queries for products and collections to an external source.<br><br>There would need to be a synchronization between the external source and respective catalog's publication in Shopify. |
| **How will sales agent V2 functionality work? Can we expect it to work in the storefront / customer center, instead of the back-office?** | The team is currently working on the first version of sales reps which will allow admin ordering. The sales rep will be treated like any other staff member but there will be a way to detect a sales rep. It will not support storefront ordering, but we are considering that in the future. It would be helpful to understand any specific use cases you have that would not work in admin and would require storefront. |
| **Are there any plans for exposing the B2B APIs to REST? Or will they only be available through graphQL endpoints?** | There are currently no plans to expose them via REST, but we are always looking for feedback on ways to improve our graphQL APIs. |
| **Are Company metafields (definitions and values) going to be exposed in the admin UI anytime soon?** | Company metafields as well as Company Location metafields are currently available in Admin. |
| **Will users under a company receive the same settings as the main company user? For example: Avatax configurations or catalog pricing.** | Pricing is resolved in the context of a company location. When any user is logged in and shopping in the context of the given company location, it will get the pricing as defined by its linked catalogs. Furthermore, generally speaking, any app-related pricing configurations (e.g. Avatax) should not be affected by the particular user that is logged in. However, specifically for Avatax, for company locations, it is the company location that is configured for tax exemptions, not the user. |
| **Can you use the external ID to query companies? I wanted to do the same for a product with metafields but it was very difficult.** | External ID should be available in our APIs, so you should be able to query based on External ID. However, please note that we don't have any checks around External IDs, so they can be changed to any value at any time. |
| **Since a company is just a professional customer, is the company ID the same as the customer ID, or will that be different when they are a company?** | The company has a different ID than the customer. |
| **To my understanding we are able to have a 1:n relation between a company and customers, one of which can be a main contact. What is the** | Yes. You do not need to have a main contact for a company. However, having a main contact set lets your staff know who they should generally talk to when they need to reach out to your buyer. |

| | |
|---|---|
| **difference between a regular contact and the main contact?** | From a functionality point of view, there is no difference between a regular and main contact. |
| **Will the documentation include detailed descriptions of the key fields? When I started out with the existing Rest/GraphQL API, I had to spend some time figuring exactly how the key fields were used.** | API documentation exists for the Admin GraphQL fields for B2B objects [here](). Please take a look and share any feedback if something is not clear. |
| **What are metafields?** | Metafields are ways for you to extend the data captured for various primitives, such as products, companies, company locations, and orders among others.<br><br>There are two types of metafields, custom and standard. Custom metafields, as the name suggests, give you full flexibility in terms of name and type. With standard metafields, Shopify is more opinionated on the type and namespace.<br><br>For companies and company locations, you can create a metafield definition and apply them to any of your companies or locations. |
| **If there are 2 or more catalogs assigned to the same location, having different pricing / min / max / increment for the same SKU - which one will 'win'? Which price / min / max / increment will be used?** | We support up to 25 catalogs for a given company location.<br><br>The process for resolving a price for a given variant by company location has a few steps.<br>1. Filter catalogs for the given company location to where the given variant is included in the catalog's publication.<br>2. From the filtered catalogs, select the linked price list that resolves the variant to the lowest price.<br>3. From the selected price list, both the price and quantity rules are applied. |
| **Are we allowed to customize paymenttermstemplate? Shopify only allows us to connect to preset Payment Terms in our current sandbox build.** | Currently no. The templates are predefined. We may explore making them customizable in the future |
| **Are there any recommendations for migrating existing accounts with a default address "Company" to the new Company system. i.e. Create a company from the default address and automatically assign the customer to that company?** | We have migration tooling that allows you to convert a customer to a company and also bring historical orders along. It is in the Customer index page, under the bulk actions, called "Add to company". |
| **Are there any plans to support customers entering their VAT registration ID at checkout?** | We don't currently have plans for this but will be unlocking this capability by integrating Checkout UI extensions - stay tuned |
| **When will company and location metafields be available to us in Liquid? Also, can the external ID be accessible in liquid as well?** | Company and location metafields should be available in liquid now. External ID is currently not. We'd like to hear from you on why you'd like to display External ID in the storefront. |

| | |
|---|---|
| **CompanyContact requires a Customer and new customer experience (passwordless login). Are you looking to support different types of logins through the CompanyContact object, where in the future it does not require a Customer connection?** | There are currently no plans to support a CompanyContact without a Customer.<br><br>We'd like to hear from you though, so please reach out to us via support or your MSM team as we'd like to better understand your use case, specifically what you'd like to see when logging in without a Customer connection. |
| **How do price lists interact with Shopify scripts? It seems like BXGY or Bulk pricing are not accounted for in the current iteration of price lists** | Shopify Scripts work with resolved prices, they do not interact with price lists directly. If the script works off the resolved prices (the line item price), they can still leverage contextual pricing.<br>BXGY are typically handled via discounts.<br>Bulk pricing (volume pricing) is coming natively in H2. |
| **Is using functions required for b2b, or will there be base functionality (price lists etc) without it?** | Functions are not required to use B2B APIs. |
| **Are there plans to expose a flag to differentiate between B2B / B2C checkouts in CarrierService api?** | We are aware of this request and have been discussing this internally, but no plans currently. Thank you for the feedback. |
| **Is B2B a Plus-exclusive feature?** | Yes, B2B is available only to merchants on the Plus plan. |
| **I'm a little confused about PurchasingEntity in Orders API. Is it available in both REST and GraphQL APIs? Will it be available from order webhooks?** | It is currently only available in the GraphQL API and not REST. It is not currently available in the order webhooks either. We will take this feedback back to the team. |
| **Until you launch extensions, is there a way to have classic and new customer accounts? We don't want to have our merchants miss out on some of the experiences they already depend on.** | No, we require the new Customer Accounts for B2B. |
| **Will Shopify B2B pricing work in sync with Shopify Markets Pricing? Will we be able to set different pricing for different Company country locations and leverage Shopify Markets features with it?** | At the moment, when it comes to pricing adjustments, B2B pricing takes precedence over Market pricing adjustments.<br>However, for some other settings (e.g. presentment currency), B2B pricing inherits from the Market settings. |
| **Regarding Price Lists, how can we create a price list for just particular items? As far as I understood here is 2 steps:**<br>**1. Empty catalog creation**<br>**2. Update with items** | Limiting items is not done via the price list, but via publications.<br><br>This can be achieved following these steps:<br>1. Create a catalog and assign it to a company location<br>2. Create an empty publication and link it to catalog<br>3. Add the desired items to the publication.<br>4. Create a price list and link it to the catalog<br>5. Update the price list's relative adjustment / fixed prices |
| **Can you make it easier to show MSRP pricing? We just did this implementation but had to add MSRP prices to metafield in order to show side by side to b2b customers.** | If you are using CSV imports to populate your Catalog (price lists), you can add compare at price in the CSV. Those values would be automatically displayed for your B2B buyers on the product detail page. |

| | |
|---|---|
| **Using Customer Admin API (REST) will it return company customers "professional buyers" along with regular D2C customers?** | The customers REST API does not return company contacts currently. The GraphQL customer connection/object does return company contacts via the companyContactProfiles field. |
| **Are VAT numbers checked with VIES vat validation in Europe?** | No, VAT numbers aren't checked with VIES. This could be built as an app but isn't supported natively. |
| **Will we be able to use the order routing api (functions) with b2b company locations?** | Yes, the checkout order routing function has access to the B2B company location through its input query which can then be used in routing logic. |
| **Customizing payment terms would be a huge win.** | Thanks for the feedback; we'll take it back to the team. Please reach out to us as we'd like to hear from you. For example, are you looking to customize the number of days after order creation (net X) or when the clock starts (eg. net 30 but after fulfillment). |
| **Can you elaborate on the coming ACH feature?** | The details are still being discussed, but at the minimum, we will support paying using ACH (bank transfer in US) at the time of checkout. |
| **If a business partially pays for an order, can you attach multiple invoices to a single order?** | Not currently. Partial payments are in our roadmap, but are not currently supported. |
| **Will there be a way to add minimum cart value quantities (ex. setting a minimum total order value of $500 in order to place the order, like can be done on the wholesale channel)?** | This can be achieved using a checkout validation function to reject the order if it does not meet the minimum requirements. |
| **Any plans to allow setting of an account credit limit (for Net30, etc) by company and/or location?** | Payment terms can be set on a per company location basis and can be updated via API based on credit criteria. |

**More resources:**

- Building B2B apps Developer Documentation
- Admin GraphQL API reference
- Blog: Introduction to building Shopify B2B Apps
- Community Forum: Shopify APIs and SDKs
- Shopify Developer Discord