Admin Field Reference

Punchout Documentation

Guide for Magento administrators, technical project owners, and implementation teams.

LAST UPDATED
2026-10-13

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EXTENSION
Magento 2 Extension Punchout

Admin Field Reference

Use this page when you need the literal Magento field or configuration path. For setup decisions and consequences, start with Configuration.

Buyer profile

Field	Required or effect
Store	Required. Selects catalog, customer website and scoped PunchOut configuration. `All Store Views` creates a global fallback profile.
Buyer ID	Required external identity used to resolve the profile.
Protocol	Required: `oci` or `cxml`. Controls visible credentials and compatible mappings.
cXML Sender Domain	Required for cXML identity matching.
cXML Sender Identity	Required for cXML identity matching and normally the resolved buyer ID.
cXML Shared Secret	Required for a new cXML buyer; encrypted at rest. Use the Change switch to replace it later.
Accept PunchOutSetupRequest	Enables cXML setup for this buyer and advertises the transaction through Profile Discovery.
Accept OrderRequest	Enables inbound cXML orders for this buyer and advertises the transaction through Profile Discovery.
OCI Username	Required for OCI identity matching.
OCI Password	Required for a new OCI buyer; encrypted at rest. Use the Change switch to replace it later.
Customer Resolution Mode	Selects guest access, a fixed Magento customer, customer e-mail mapping, or optional/required request customer ID mapping.
Magento Customer	Required only for the fixed-customer mode. The selected account must belong to the buyer profile's website.
Identity Source	Selects the protocol field or cXML Extrinsic that supplies the customer e-mail or request customer ID.

Field	Required or effect
JIT Provisioning	Inherits the Store-view setting or explicitly enables/disables customer creation when e-mail mapping finds no account.
JIT Customer Group	Customer group for accounts created through JIT provisioning.
OCI First/Last Name Parameter	Request parameter names used to populate a JIT-created OCI customer.
cXML First/Last Name Extrinsic	Extrinsic names used to populate a JIT-created cXML customer.
Company ID	Optional context value for compatible bridge/mapping logic.
Price Group ID	Optional context value for compatible pricing/mapping logic.
OCI Version	Selects the OCI contract used by this buyer profile.
OCI External Product ID Source	Uses Magento SKU or a selected globally unique product attribute for OCI `PRODUCTID`.
OCI External Product ID Attribute	Required when the external product ID source is a product attribute.
OCI Quantity Check Lead Time Attribute	Optional for OCI buyers. Selects a global `varchar`/`int` product attribute whose whole-day value is returned as `LEADTIME` in OCI 5.0 `QUANTITYCHECK` responses.
Mapping Profile	Optional selector limited to active outbound runtime profiles with matching protocol and store scope. Required for controlled mapped output.
Active	Allows new requests to resolve this buyer.

Storefront Entry

- **Start Destination** is required and selects Shopping Cart, Store Homepage, CMS Page, Category or Store-relative Path.
- **CMS Page** is required only for the CMS Page destination and is limited to pages available in the selected Store View.
- **Category** is required only for the Category destination and is resolved in the selected Store View catalog.
- **Store-relative Path** is required only for the path destination. External URLs are rejected.

Request-specific and Level-2 product destinations take priority over this general entry

setting.

Inbound Order Overrides

Every override is optional. An empty value uses the configuration of the buyer's Store view.

Field	Effect
Processing Mode	Overrides acknowledge, validate or create-order behavior for this buyer.
Authoritative Price Source	Overrides the Store-view price authority.
Returned Cart Line Matching	Selects auxiliary-then-SKU or SKU-only matching.
Changed Quantity, New Item, Removed Item, Missing Snapshot	Controls each returned-cart difference independently.
Price Mismatch Action and tolerances	Sets buyer-specific unit-price acceptance.
Customer, Product and Address Resolution	Changes how the Magento quote context is built.
Shipping and Payment Method	Selects buyer-specific quote methods.
Update and Cancellation Policy	Controls later `OrderRequest` revisions and deletes.
Send Customer Order Email	Overrides Magento's normal order email setting.
Send ConfirmationRequest and Confirmation URL	Controls buyer-specific cXML confirmation delivery.
Confirmation Mode	Selects automatic whole-order confirmation or manual decisions for every order line.
ASN URL	Overrides the Store-view endpoint for `ShipNoticeRequest`. It is not the cart-return URL.
Invoice URL	Overrides the Store-view endpoint for `InvoiceDetailRequest`. It is not the cart-return URL.
Outbound cXML Response Mode	Allows an empty successful HTTP response or requires a successful cXML response status.
Maximum Processing Attempts	Limits processing attempts for this buyer.

Advanced transport authentication

Mode	Request value
None	No additional transport credential. Protocol credentials are still required.
Basic	`Authorization: Basic ...` using the separately configured username/password.
Bearer	`Authorization: Bearer ...` or `X-Punchout-Auth-Token`.
Shared Secret Header	`X-Punchout-Shared-Secret`.

Mapping profile

Field	Required or effect
Store	Required. `All Store Views` makes the mapping available across stores.
Code	Required and unique in scope; lowercase letters, numbers, hyphens and underscores only.
Name	Required admin-facing description.
Protocol	`oci` or `cxml`.
Direction	`inbound` or `outbound`; buyers can select outbound profiles only.
Reusable Template Profile	Marks the profile as a copy source rather than a runtime buyer mapping. Synced system templates can be updated during `setup:upgrade`.
Start From Template	New-profile helper that copies compatible rules; not persisted as a profile relationship.
Active	Makes a runtime profile available to buyer configuration.

Mapping rows contain **Data Source Area**, **Source Value**, **Punchout Target Key**, optional **Custom Target Key**, **Value Formatting**, **Fallback Value**, **Mandatory** and **Export Position**.

System configuration

General (`punchout/general/*`)

Config path	Admin label	Default
`punchout/general/enabled`	Enable Punchout	Yes

Config path	Admin label	Default
punchout/general/return_action_label	Punchout return action label	Return to System
punchout/general/sandbox_mode	Enable Sandbox Callback Mode	No

Security (punchout/security/*)

Config path	Admin label	Default
punchout/security/strict_signature	Require Strict Signature Validation	No
punchout/security/signature_secret	Signature Secret	Empty
punchout/security/allowed_ips	Allowed IP Ranges	Empty; permits all source IPs
punchout/security/allow_request_customer_id_oci	Allow OCI request customer override	No
punchout/security/allow_request_customer_id_cxml	Allow cXML request customer override	No
punchout/security/allow_insecure_outbound_tls	Allow insecure outbound TLS in sandbox mode	No

Cart (punchout/cart/*)

Config path	Admin label	Default
punchout/cart/allow_inbound_item_prices	Allow inbound cart item prices	No

cXML Profile Discovery (`punchout/profile/*`)

Config path	Admin label	Default
`punchout/profile/enabled`	Enable cXML Profile Discovery	Yes
`punchout/profile/public_base_url`	Public PunchOut Base URL	Empty; uses the Store View base URL

Customer Identity (`punchout/identity/*`)

Config path	Admin label	Default
`punchout/identity/jit_enabled`	Enable JIT Customer Provisioning	No
`punchout/identity/jit_customer_group_id`	JIT Customer Group	Empty

Inbound Orders (`punchout/inbound_order/*`)

Config path	Admin label	Default
`punchout/inbound_order/processing_mode`	Processing Mode	Acknowledge Only
`punchout/inbound_order/price_source`	Authoritative Price Source	Current Magento Pricing
`punchout/inbound_order/line_match_strategy`	Returned Cart Line Matching	Auxiliary ID, then SKU
`punchout/inbound_order/changed_quantity_action`	Changed Quantity Action	Recalculate with Magento
`punchout/inbound_order/new_item_action`	New Item Action	Recalculate with Magento
`punchout/inbound_order/removed_item_action`	Removed Item Action	Allow Removal
`punchout/inbound_order/missing_snapshot_action`	Missing/Expired Snapshot Action	Reject
`punchout/inbound_order/price_mismatch_action`	Price Mismatch Action	Reject Order
`punchout/inbound_order/price_tolerance_absolute`	Absolute Unit Price Tolerance	`0.01`
`punchout/inbound_order/price_tolerance_percent`	Percent Unit Price Tolerance	`0`

Config path	Admin label	Default
`punchout/inbound_order/customer_resolution`	Customer Resolution	Buyer Profile Customer
`punchout/inbound_order/product_resolution`	Product Resolution	Supplier Part ID
`punchout/inbound_order/address_source`	Address Source	Incoming Order Addresses
`punchout/inbound_order/shipping_method`	Shipping Method	Flat Rate
`punchout/inbound_order/payment_method`	Payment Method	PunchOut Purchase Order
`punchout/inbound_order/update_policy`	Order Update Policy	Manual Review
`punchout/inbound_order/cancellation_policy`	Order Cancellation Policy	Manual Review
`punchout/inbound_order/send_customer_email`	Send Customer Order Email	No
`punchout/inbound_order/confirmation_enabled`	Send cXML ConfirmationRequest	No
`punchout/inbound_order/confirmation_mode`	Confirmation Mode	Automatic Whole-Order Confirmation
`punchout/inbound_order/confirmation_url`	Default Confirmation URL	Empty
`punchout/inbound_order/asn_url`	ASN URL	Empty
`punchout/inbound_order/invoice_url`	Invoice URL	Empty
`punchout/inbound_order/response_mode`	Outbound cXML Response Mode	Allow Empty HTTP 2xx Response
`punchout/inbound_order/supplier_domain`	Supplier Credential Domain	Empty
`punchout/inbound_order/supplier_identity`	Supplier Identity	Empty
`punchout/inbound_order/supplier_shared_secret`	Supplier Shared Secret	Empty
`punchout/inbound_order/max_attempts`	Maximum Processing Attempts	`5`
`punchout/inbound_order/batch_size`	Retry Batch Size	`20` at Default Config
`punchout/inbound_order/retry_delay_minutes`	Retry Delay	`15` minutes
`punchout/inbound_order/retention_days`	Inbound Order Payload Retention (days)	`365` days

Config path	Admin label	Default
`punchout/inbound_order/snapshot_retention_days`	Returned Cart Snapshot Retention	`90` days

Trace, analytics, debug and session

Config path	Admin label	Default
`punchout/trace/enabled`	Enable Trace Logging	Yes
`punchout/trace/retention_days`	Trace Retention (days)	30
`punchout/analytics/enabled`	Enable PunchOut Analytics	Yes
`punchout/debug/enabled`	Enable Debug Logging	No
`punchout/session/token_expiration_hours`	Token Expiration (hours)	2

Debug logging writes technical diagnostics to `var/log/punchout.log`. It does not write sensitive protocol payloads.

Document Queue (`punchout/queue/*`)

Config path	Admin label	Default
`punchout/queue/enabled`	Enable Queue Processing	Yes
`punchout/queue/batch_size`	Batch Size per Cron Run	20
`punchout/queue/max_retry`	Maximum Retry Attempts	5
`punchout/queue/retry_delay_minutes`	Retry Delay (minutes)	15
`punchout/queue/retention_days`	Completed Queue Retention (days)	365

Retention

Config path	Admin label	Default
`punchout/request_replay/retention_days`	Request Replay Retention (days)	7
`punchout/retention/batch_size`	Cleanup Batch Size	500

Operation Policy (`punchout/operation/*`)

Config path	Admin label	Default
`punchout/operation/policy_enabled`	Enable Frontend Operation Policy	Yes
`punchout/operation/landing_route`	Restricted Action Landing Route	`checkout/cart`
`punchout/operation/create_allowed_actions`	Allowed Full Actions for CREATE	`*`
`punchout/operation/edit_allowed_actions`	Allowed Full Actions for EDIT	`*`
`punchout/operation/inspect_allowed_actions`	Allowed Full Actions for INSPECT	Cart read and PunchOut return/logout actions
`punchout/operation/detail_allowed_actions`	Allowed Full Actions for DETAIL	Selected product page and session support actions
`punchout/operation/detail_add_allowed_actions`	Allowed Full Actions for DETAILADD	Selected product, Add to Cart and immediate return actions

Embedded PunchOut (`punchout/iframe/*`)

These settings are provided by the `mageb2b/punchout-iframe` add-on. See Iframe Compatibility Add-On for behavior and buyer-level overrides.

Config path	Admin label	Default
`punchout/iframe/enabled`	Enable Iframe Compatibility	No
`punchout/iframe/allowed_origins`	Allowed Procurement Origins	Empty