

AI AGENT-READINESS REPORT

hape.com

Ran 21 of 81 checks

OVERALL

14

Grade F

SURFACE SUB-SCORES

CHATGPT / ACP	15	GOOGLE AI MODE	12	PERPLEXITY	16
META	15	MICROSOFT COPILOT	12		



Findings - 20 need attention

NEEDS WORK **CRITICAL** **HTTPS enforced sitewide + HSTS (>= 6-month max-age)**

Enforce HTTPS sitewide and ship a Strict-Transport-Security header with max-age >= 6 months

WHAT WE FOUND

Confirmed the homepage is HTTPS (status 200), probed <http://hape.com/> for redirect behaviour, and parsed the Strict-Transport-Security header (value: "max-age=7889238").

How we checked: URL scheme + homepage status check, an <http://host/> redirect probe, and a Strict-Transport-Security max-age parse (>= 180-day threshold).

- HSTS max-age is below the 6-month minimum

Checked: hape.com

FAILED **HIGH** **Contact page exposes email or phone**

Add a `mailto:` email link or `tel:` phone link to your contact page

WHAT WE FOUND

Probed 4 candidate contact-page paths and none returned a 2xx response.

How we checked: URL probe of contact paths; the first 2xx body is scanned for `mailto:` / `tel:` hrefs, plain emails (placeholder hosts excluded), and phone-shaped numbers.

- No contact page reachable

Checked: hape.com/pages/contact, hape.com/pages/contact-us, hape.com/contact, hape.com/contact-us

FAILED **HIGH** **Privacy policy page reachable**

Publish a privacy policy page and link it from your site nav/footer

WHAT WE FOUND

Probed 3 candidate privacy-policy paths (nav-discovered + platform-conventional) and none returned a 2xx body.

How we checked: Discover candidate URLs by scoring homepage nav/footer anchors for privacy/gdpr/cookie keywords, then append platform-conventional paths; probe each with politeFetch and pass on the first 2xx with >=200 stripped-body chars.

- No privacy policy page reachable at any candidate URL

Checked: hape.com/policies/privacy-policy, hape.com/privacy, hape.com/privacy-policy

FAILED HIGH Product pages discoverable without JavaScript

Make product pages discoverable without JavaScript

WHAT WE FOUND

Counted product pages discovered by the non-JavaScript crawl. None were found — JS-only storefront, products missing from sitemap, or the crawl was blocked.

How we checked: Count the product pages a non-JavaScript crawl could discover via the sitemap or initial HTML (no JS execution). The fetcher already attempted discovery; we read `ctx.pdpSample`.

- No product pages discoverable from a non-JavaScript crawl

Checked: `hape.com/sitemap.xml`, `hape.com`

FAILED HIGH Products are machine-discoverable

Publish a product feed or a crawlable product sitemap

WHAT WE FOUND

Ran the discovery cascade (feed -> platform catalog -> typed sitemap -> content-verified crawl). Method: ``none``; verified 0 product pages.

How we checked: Read the product-discovery cascade result from `ctx.discovery`. Score by discovery method (feed / platform_api / sitemap_typed -> pass when `verifiedProductCount >= MIN_CONFIDENT_PRODUCTS`; `content_verified` -> partial; none or under-threshold -> fail).

- No reliable way for agents to discover your products

Checked: `hape.com`

FAILED HIGH robots.txt present at root

Publish a non-empty robots.txt at the site root

WHAT WE FOUND

Looked for a reachable `/robots.txt` at the site root. The fetcher returned no robots.txt (404, network error, or non-200 response).

How we checked: Check whether the fetcher reached a non-empty `/robots.txt` at the site root (\$2.2.3 access method).

- No `/robots.txt` reachable at the site root

Checked: `hape.com/robots.txt`

FAILED HIGH Terms of service page reachable

Publish a terms of service page and link it from your site nav/footer

WHAT WE FOUND

Probed 3 candidate ToS paths (nav-discovered + platform-conventional) and none returned a 2xx body.

How we checked: Discover candidate URLs by scoring homepage nav/footer anchors for `terms/tos/legal/conditions` keywords, then append platform-conventional paths; probe each with `politeFetch` and pass on the first 2xx with `>=200` stripped-body chars.

- No terms-of-service page reachable at any candidate URL

Checked: `hape.com/policies/terms-of-service`, `hape.com/terms`, `hape.com/terms-of-service`

FAILED HIGH /.well-known/ucp profile is present with a `version` field

Publish `/.well-known/ucp`` with at minimum a ``version`` field

WHAT WE FOUND

Inspected `/.well-known/ucp`` for a parseable JSON document with a top-level ``version`` string.

How we checked: Confirm `ctx.wellKnownUcp`` is non-null and carries a non-empty ``version`` string (the only universally-required UCP profile field).

- `/.well-known/ucp`` is not reachable or not parseable as JSON

Checked: `hape.com/.well-known/ucp``



FREE PREVIEW



FAILED HIGH UCP profile carries all four required top-level keys

Add every required top-level key to the UCP profile

WHAT WE FOUND

Wanted to inspect UCP root keys, but no profile was found.

How we checked: Read the profile root (or top-level `ucp` wrapper) and verify the presence of `version`, `services`, `capabilities`, and `signing_keys` keys.

- No /.well-known/ucp profile present

Checked: hape.com/.well-known/ucp

FAILED HIGH UCP profile declares a valid shopping service entry

Declare a shopping service entry with a recognised transport and an HTTPS endpoint

WHAT WE FOUND

Wanted to walk the UCP profile's `services[]` for a valid shopping entry, but no profile was found.

How we checked: List every services[] entry whose namespace is `shopping` (or contains `shopping`) and require at least one with `transport` {rest,mcp,a2a,embedded} AND a syntactically valid `https://` endpoint.

- No /.well-known/ucp profile present

Checked: hape.com/.well-known/ucp

FAILED HIGH Every signing_keys[] entry is a valid JWK

Make every signing_keys[] entry a JWK with kty + kty-specific params

WHAT WE FOUND

Wanted to validate signing_keys[], but no UCP profile was found.

How we checked: Walk signing_keys[] and validate each entry per §4.1 (kty required) + §6 (kty-specific required parameters). `kid` is OPTIONAL per §4.5 and not enforced here.

- No /.well-known/ucp profile present

Checked: hape.com/.well-known/ucp

FAILED MEDIUM HSTS policy carries the includeSubDomains directive

Add `includeSubDomains` to your Strict-Transport-Security header

WHAT WE FOUND

Inspected the homepage Strict-Transport-Security header ("max-age=7889238") and the includeSubDomains directive is absent.

How we checked: Parse the homepage `Strict-Transport-Security` header for the `includeSubDomains` directive (§6.1.2).

- HSTS header is missing the includeSubDomains directive

Checked: hape.com

FAILED MEDIUM Organization/OnlineStore JSON-LD with contactPoint on homepage

Add an Organization (or OnlineStore) JSON-LD block to your homepage with a contactPoint

WHAT WE FOUND

Parsed the homepage JSON-LD looking for an Organization/OnlineStore node with a contactPoint, but no Organization-class node is present.

How we checked: Parse homepage `<script type="application/ld+json">` blocks, flatten `@graph`, and look for an Organization/OnlineStore/Store node with a contactPoint carrying `email` or `telephone`.

- No Organization/OnlineStore JSON-LD on homepage

Checked: hape.com



NEEDS WORK **MEDIUM** Returns/refund policy page reachable

Publish a returns policy page and link it from your site nav/footer

WHAT WE FOUND

Reached a returns/refund policy page at <http://hapetoys.returnscenter.com/> but its stripped body length (44 chars) is below the 200-char substantiveness threshold.

How we checked: Discover candidate URLs by scoring homepage nav/footer anchors for return/refund/exchange keywords, then append platform-conventional paths; probe each with politeFetch and pass on the first 2xx with ≥ 200 stripped-body chars.

- Returns policy page reachable but too short to be substantive

Checked: hapetoys.returnscenter.com

FAILED **MEDIUM** Shipping policy page reachable

Publish a shipping policy page and link it from your site nav/footer

WHAT WE FOUND

Probed 4 candidate shipping-policy paths (nav-discovered + platform-conventional) and none returned a 2xx body.

How we checked: Discover candidate URLs by scoring homepage nav/footer anchors for shipping/delivery/dispatch keywords, then append platform-conventional paths; probe each with politeFetch and pass on the first 2xx with ≥ 200 stripped-body chars.

- No shipping policy page reachable at any candidate URL

Checked: hape.com/policies/shipping-policy, hape.com/shipping, hape.com/shipping-policy, hape.com/pages/shipping

FAILED **MEDIUM** Sitemap resolvable and includes at least one product URL

Publish a sitemap containing product URLs

WHAT WE FOUND

Tried to resolve an XML sitemap from robots.txt (Sitemap directives) or /sitemap.xml. No entries were returned.

How we checked: Parse `<loc>` entries from the resolved sitemap (or sitemap index) and classify each against product-URL patterns (`/products/...`, `/product/...`, `/p/<id>`, etc.).

- No XML sitemap was reachable, or it contained no `<loc>` entries

Checked: hape.com/sitemap.xml

FAILED **LOW** About page reachable with substantive copy

Publish a substantive About page at a standard URL

WHAT WE FOUND

Probed 4 candidate About-page paths and none returned a 2xx body.

How we checked: URL probe of platform-specific about-page paths via politeFetch; the first 2xx response whose HTML-stripped body length is ≥ 200 chars counts as a pass.

- No About page reachable at any standard URL

Checked: hape.com/pages/about, hape.com/pages/about-us, hape.com/about, hape.com/about-us

FAILED **LOW** HSTS policy carries the preload directive

Add `preload` to your Strict-Transport-Security header and submit to hstspreload.org

WHAT WE FOUND

Inspected the homepage Strict-Transport-Security header ("`max-age=7889238`") and the preload directive is absent.

How we checked: Parse the homepage `Strict-Transport-Security` header for the `preload` directive (hstspreload.org vendor extension to).

- HSTS header is missing the preload directive

Checked: hape.com

FAILED **INFO** **Apple Pay markers detected (informational)**

Enable Apple Pay through your payment processor (informational only)

WHAT WE FOUND

Scanned the homepage and 0 sampled PDPs for Apple Pay markers; none matched.

How we checked: Substring match on known Apple Pay SDK/markup signatures (ApplePaySession, apple-pay-button, /apple-developer-merchant-tid-domain-association) across the homepage and every sampled PDP HTML.

- No Apple Pay markers detected on the homepage or PDPs

Checked: hape.com

FAILED **INFO** **Google Pay markers detected (informational)**

Enable Google Pay through your payment processor (informational only)

WHAT WE FOUND

Scanned the homepage and 0 sampled PDPs for Google Pay markers; none matched.

How we checked: Substring match on known Google Pay SDK/markup signatures (pay.google.com/gp/p/js/pay.js, google.payments.api, <google-pay-button) across the homepage and every sampled PDP HTML.

- No Google Pay markers detected on the homepage or PDPs

Checked: hape.com

NOT APPLICABLE **CRITICAL** **Googlebot allowed on product paths**

Allow Googlebot on product paths

WHAT WE FOUND

Wanted to check whether Googlebot is allowed at /products/test, but no /robots.txt was reachable.

How we checked: group match on `User-agent: Googlebot` rules at the representative product path `/products/test` (via the parsed robots.txt isAllowed predicate).

Checked: hape.com/robots.txt, /products/test

NOT APPLICABLE **CRITICAL** **Offer price + priceCurrency valid**

Set price as a number and priceCurrency as an ISO 4217 code

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **CRITICAL** **OAI-SearchBot allowed**

Allow OAI-SearchBot in robots.txt

WHAT WE FOUND

Wanted to evaluate whether OAI-SearchBot (OpenAI's ChatGPT search/discovery crawler) is allowed at /, but no /robots.txt was reachable so per-UA rules cannot be evaluated.

How we checked: group match on `User-agent: OAI-SearchBot` rules at path `/` (via the parsed robots.txt isAllowed predicate).

Checked: hape.com/robots.txt

NOT APPLICABLE **CRITICAL** **No global wildcard root disallow**

Remove the wildcard `Disallow: /` from robots.txt

WHAT WE FOUND

Wanted to scan the wildcard group for a root Disallow, but no /robots.txt was reachable.

How we checked: Line-by-line scan of robots.txt; track membership of the `User-agent: *` group (stacked UA lines combine into one group per section 2.2.1) and flag the file when a root `Disallow: /` appears in that group with no offsetting `Allow: /`.

Checked: hape.com/robots.txt

NOT APPLICABLE **HIGH** **Bingbot allowed**

Allow Bingbot in robots.txt

WHAT WE FOUND

Wanted to evaluate whether Bingbot (Microsoft's web crawler — also the source for Copilot Shopping's index) is allowed at /, but no /robots.txt was reachable so per-UA rules cannot be evaluated.

How we checked: group match on `User-agent: Bingbot` rules at path `/` (via the parsed robots.txt isAllowed predicate).

Checked: `hape.com/robots.txt`

NOT APPLICABLE **HIGH** **MerchantReturnPolicy finite-window has positive merchantReturnDays**

Add a positive `merchantReturnDays` to finite-window return policies

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **MerchantReturnPolicy satisfies Option A (country+category) or B (returnLink)**

Make every MerchantReturnPolicy node satisfy Option A or Option B

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **MerchantReturnPolicy node present on Product or Offer**

Emit `hasMerchantReturnPolicy` on Product or Offer JSON-LD

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Offer `availability` is a Schema.org URL**

Use a canonical Schema.org availability IRI on every Offer

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Offer JSON-LD carries shippingDetails (OfferShippingDetails)**

Emit shippingDetails (OfferShippingDetails) on Offer JSON-LD

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Sampled PDPs are not gated behind a login wall (401 / 403)**

Open PDPs to anonymous fetches

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **No sampled PDP returns a noindex directive**

Remove the noindex directive from every PDP

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Each PDP carries at most one Product JSON-LD node**

Emit a single Product JSON-LD node per PDP

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **PerplexityBot allowed**

Allow PerplexityBot in robots.txt

WHAT WE FOUND

Wanted to evaluate whether PerplexityBot (Perplexity's shopping index crawler) is allowed at /, but no /robots.txt was reachable so per-UA rules cannot be evaluated.

How we checked: group match on `User-agent: PerplexityBot` rules at path `/` (via the parsed robots.txt isAllowed predicate).

Checked: `hape.com/robots.txt`

NOT APPLICABLE **HIGH** **Brand attribution on PDPs**

Surface brand attribution on every PDP

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **GTIN coverage on PDPs**

Populate `gtin` on every branded Product node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Product `image` populated**

Add a resolvable image URL to every Product node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Product JSON-LD present on PDPs**

Publish a Product JSON-LD block on every PDP

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Product `name` populated**

Populate `name` on every Product JSON-LD node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **Product JSON-LD includes `offers`**

Add an `offers` object to every Product node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **HIGH** **UCP profile Cache-Control is shared-cacheable with max-age >= 60s**

Serve `/.well-known/ucp` with `Cache-Control: public, max-age=...`

WHAT WE FOUND

No UCP profile present; Cache-Control policy is not evaluable.

How we checked: Parse the `Cache-Control` header on the `/.well-known/ucp` response; require `public`, `max-age >= 60`, and no `no-store` / `no-cache` / `private`.

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **HIGH** **`/.well-known/ucp` response Content-Type is application/json**

Serve `/.well-known/ucp` with `Content-Type: application/json`

WHAT WE FOUND

No UCP profile present; Content-Type is not evaluable.

How we checked: Check that the `Content-Type` header on `/.well-known/ucp` starts with `application/json` (optionally with a charset parameter).

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **HIGH** **`/.well-known/ucp` is publicly fetchable with no auth**

Allow unauthenticated access to `/.well-known/ucp`

WHAT WE FOUND

No UCP profile reachable; public-fetch evaluation deferred to `ucp-profile-present`.

How we checked: Confirm an unauthenticated GET to `/.well-known/ucp` returns a 2xx status.

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **HIGH** **`/.well-known/ucp` returns 200 directly with no redirects**

Serve `/.well-known/ucp` directly with a 200 response

WHAT WE FOUND

No UCP profile present; redirect behaviour is not evaluable.

How we checked: Inspect the final HTTP status of GET `/.well-known/ucp` and whether any 3xx redirect was followed to reach it.

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **HIGH** **Each service satisfies the transport-conditional field requirements**

Populate the conditional fields required by each service's transport

WHAT WE FOUND

No UCP profile present.

How we checked: For each services[] entry with a recognised transport, require the transport-conditional fields: `rest/mcp -> endpoint+schema`; `a2a -> endpoint`; `embedded -> schema`.

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **HIGH** Each service `transport` is rest, mcp, a2a, or embedded

Set transport to one of rest, mcp, a2a, or embedded

WHAT WE FOUND

No UCP profile present.

How we checked: For each services[] entry, require `transport` to be one of: rest, mcp, a2a, embedded.

Checked: haxe.com/.well-known/ucp

NOT APPLICABLE **MEDIUM** MerchantReturnPolicy merchantReturnLink URL is reachable

Repair every merchantReturnLink URL

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** MerchantReturnPolicy applicableCountry uses ISO 3166-1 alpha-2 codes

Use ISO 3166-1 alpha-2 country codes in applicableCountry

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** MerchantReturnPolicy returnPolicyCategory uses valid Schema.org enum

Use a valid Schema.org returnPolicyCategory enum value

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** OfferShippingDetails shippingDestination is a valid DefinedRegion

Emit shippingDestination as a DefinedRegion with ISO addressCountry

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** OfferShippingDetails shippingRate is a valid MonetaryAmount

Emit shippingRate as a valid MonetaryAmount

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** Product `brand` is a string or Brand/Organization object

Emit `brand` as either a string or a typed Brand object on every Product

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** Product `description` present

Populate `description` on every Product JSON-LD node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** Product `sku` populated

Populate `sku` on every Product JSON-LD node

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **MEDIUM** Product title not a placeholder

Replace placeholder and slug-shape titles with real product names

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

PASSING **MEDIUM** Third-party review-platform integration detected

Install a third-party review platform so agents see syndicated reviews on your storefront

WHAT WE FOUND

Found a third-party review-platform integration (judge.me) on 1 of 1 scanned source.

How we checked: Substring scan of homepage and sampled PDP HTML for known review-platform asset fingerprints (judge.me, yotpo, stamped.io, reviews.io, okendo, loox, trustpilot, bazaarvoice).

Checked: hape.com

NOT APPLICABLE **MEDIUM** Sitemap declared in robots.txt

Add a `Sitemap:` line to robots.txt

WHAT WE FOUND

Wanted to read Sitemap: directives from /robots.txt, but no robots.txt was reachable.

How we checked: Read parsed Sitemap: directives from robots.txt (sitemaps.org / implementation note).

Checked: hape.com/robots.txt

NOT APPLICABLE **MEDIUM** Sitemap <loc> entries are entity-escaped

Entity-escape `&`, `<`, `>` in every <loc>

WHAT WE FOUND

Wanted to inspect sampled <loc> entries for entity escaping, but the runner did not surface any sitemap resources.

How we checked: Sample the first 100 <loc> entries per sitemap document and check for raw &, <, or > (sitemaps.org entity escaping rules).

- Transport metadata not available — runner update pending

Checked: hape.com/sitemap.xml

NOT APPLICABLE **MEDIUM** Sitemap entries share the host of the containing sitemap

Keep every sitemap entry on the sitemap's own host

WHAT WE FOUND

Wanted to compare sitemap entry hosts against the containing sitemap, but the runner did not surface any sitemap resources.

How we checked: For each resolved sitemap resource, parse the sitemap URL's host and compare it against every parsed <loc> URL's host.

- Transport metadata not available — runner update pending

Checked: hape.com/sitemap.xml

NOT APPLICABLE **MEDIUM** Sitemap root declares the sitemaps.org 0.9 namespace

Add the sitemaps.org 0.9 xmlns to the root element

WHAT WE FOUND

Wanted to check the xmlns declaration on every resolved sitemap document, but the runner did not surface any sitemap resources.
How we checked: Substring-match `xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"` against the raw XML of every resolved sitemap document.
• Transport metadata not available — runner update pending
Checked: hape.com/sitemap.xml

NOT APPLICABLE **MEDIUM** Each capability has version + spec + schema

Populate version, spec, and schema on every capabilities[] entry

WHAT WE FOUND

No UCP profile present.
How we checked: For each capabilities[] entry, require non-empty string values for `version`, `spec`, and `schema`.
Checked: hape.com/.well-known/ucp

NOT APPLICABLE **MEDIUM** Each service's `spec` URL origin matches its namespace authority

Point each service `spec` URL at the canonical UCP authority

WHAT WE FOUND

No UCP profile present.
How we checked: For each service with a `spec` URL, require the URL origin to be a canonical UCP authority OR the host/path to include the namespace token.
Checked: hape.com/.well-known/ucp

NOT APPLICABLE **MEDIUM** Every service `version` matches YYYY-MM-DD

Use ISO-date `version` strings on every service

WHAT WE FOUND

No UCP profile present; service version formats are not evaluable.
How we checked: For each services[] entry, require `version` to be a string matching `/^d{4}-d{2}-d{2}$/`.
Checked: hape.com/.well-known/ucp

NOT APPLICABLE **LOW** BreadcrumbList present on PDPs

Add a BreadcrumbList JSON-LD block to every PDP

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.
How we checked: n/a

NOT APPLICABLE **LOW** ChatGPT-User allowed

Allow ChatGPT-User in robots.txt (advisory)

WHAT WE FOUND

Wanted to evaluate whether ChatGPT-User (OpenAI's user-initiated live fetcher (advisory)) is allowed at /, but no /robots.txt was reachable so per-UA rules cannot be evaluated.
How we checked: group match on `User-agent: ChatGPT-User` rules at path `/` (via the parsed robots.txt isAllowed predicate).
Checked: hape.com/robots.txt

NOT APPLICABLE **LOW** Alt text on at least 80% of PDP images

Add descriptive alt text to product images (WCAG 2.x SC 1.1.1)

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.
How we checked: n/a

NOT APPLICABLE **LOW** **Product images meet Google's 50,000-pixel area threshold**

Upload higher-resolution product images (area >= 50,000 pixels)

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** **MerchantReturnPolicy enrichment enums use valid Schema.org values**

Use Schema.org enum values for returnFees / returnMethod / refundType

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** **Offer `itemCondition` is canonical when present**

Either omit `itemCondition` (defaults to NewCondition) or set it to a canonical IRI

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** **OfferShippingDetails.deliveryTime is a valid ShippingDeliveryTime**

Emit a ShippingDeliveryTime with handlingTime and/or transitTime populated

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** **Perplexity-User allowed**

Allow Perplexity-User in robots.txt (advisory)

WHAT WE FOUND

Wanted to evaluate whether Perplexity-User (Perplexity's live user-initiated fetcher (advisory)) is allowed at /, but no /robots.txt was reachable so per-UA rules cannot be evaluated.

How we checked: group match on `User-agent: Perplexity-User` rules at path `/` (via the parsed robots.txt isAllowed predicate).

Checked: hape.com/robots.txt

NOT APPLICABLE **LOW** **Product `aggregateRating` present**

Add an AggregateRating to Product nodes when you have real reviews

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** **Product title quality (present, not all-caps)**

Use sentence-case product titles

WHAT WE FOUND

Couldn't confidently identify product pages (found 0), so product-level checks aren't applicable.

How we checked: n/a

NOT APPLICABLE **LOW** /robots.txt is served as text/plain

Send Content-Type: text/plain on /robots.txt

WHAT WE FOUND

No /robots.txt was reachable, so the content-type check has nothing to evaluate.

How we checked: Inspect the /robots.txt response `Content-Type` header for a `text/plain` media type per §2.3.

- No /robots.txt reachable — content-type check skipped

Checked: hape.com/robots.txt

NOT APPLICABLE **LOW** /robots.txt is under 500 KiB (RFC 9309 §2.5 parser cap)

Trim /robots.txt below 500 KiB

WHAT WE FOUND

No /robots.txt was reachable, so the size check has nothing to evaluate.

How we checked: Measure the raw byte size of the /robots.txt body and compare against the §2.5 parser cap (≥ 500 KiB).

- No /robots.txt reachable — size check skipped

Checked: hape.com/robots.txt

NOT APPLICABLE **LOW** /robots.txt is served as UTF-8

Serve /robots.txt as UTF-8

WHAT WE FOUND

No /robots.txt was reachable, so the encoding check has nothing to evaluate (see robots-txt-present).

How we checked: Inspect the raw byte stream of /robots.txt for UTF-8 decodability per §2.3.

- No /robots.txt reachable — encoding check skipped

Checked: hape.com/robots.txt

NOT APPLICABLE **LOW** Every sitemap <loc> URL is under 2048 characters

Keep every <loc> URL under 2,048 characters

WHAT WE FOUND

Wanted to check <loc> URL lengths across every resolved sitemap document, but the runner did not surface any sitemap resources.

How we checked: Iterate every parsed <loc> URL across all resolved sitemap resources and check length against the 2,048-character cap.

- Transport metadata not available — runner update pending

Checked: hape.com/sitemap.xml

NOT APPLICABLE **LOW** Sitemap respects 50 MiB / 50,000-URL caps per document

Split over-cap sitemaps into a sitemap index

WHAT WE FOUND

Wanted to verify each sitemap's byte size and entry count against sitemaps.org caps, but the runner did not surface any sitemap resources.

How we checked: Check raw byte size ($\leq 52,428,800$ B) and entry count ($\leq 50,000$) for every resolved sitemap resource.

- Transport metadata not available — runner update pending

Checked: hape.com/sitemap.xml

NOT APPLICABLE **LOW** Sitemap is served as UTF-8

Serve every sitemap document as UTF-8

WHAT WE FOUND

Wanted to check the encoding of every resolved sitemap document, but the runner did not surface any sitemap resources with transport metadata.

How we checked: Inspect every resolved sitemap document's raw byte stream for UTF-8 decodability (sitemaps.org encoding requirement).

- Transport metadata not available — runner update pending

Checked: hape.com/sitemap.xml

NOT APPLICABLE **LOW** **UCP MCP-transport entries have valid HTTPS endpoints**

Make every declared MCP transport endpoint an absolute HTTPS URL

WHAT WE FOUND

No UCP profile found; MCP transport validity is not evaluable.

How we checked: Filter services[] to entries where transport=mcp and validate that `endpoint` is an absolute https:// URL.

Checked: `hape.com/.well-known/ucp`

NOT APPLICABLE **INFO** **llms.txt present (informational)**

Publish an /llms.txt manifest (optional)

WHAT WE FOUND

Looked for /llms.txt at the site root; the fetcher returned no file.

How we checked: Check whether the fetcher reached an /llms.txt at the site root. Informational only — no failure path per llmstxt.org being a voluntary community convention.

Checked: `hape.com/llms.txt`



FREE PREVIEW