For more details see how the Elastic Search for Magento 2 extension works.

## **Guide for Elastic Search for Magento 2**

Elastic Search for Magento 2 is an advanced tool to provide your store with optimized search performance and highly relevant search results.

- Display advanced autocomplete window
- Use spell corrections
- Add alternative product names by synonym results
- Configure full text content search
- Specify the search types for each product attribute
- Set promo rules to promote certain products
- Analyze customers' activity via Search Analytics dashboard
- OpenSearch compatibility
- REST API support
- ADA & WCAG compliant (for Luma Theme)
- Hyva-ready storefront

## **Before Installing**

Please, consider that there are three main entities, which constitute the extension's work:

- Elasticsearch engine versions 6.x-7.x
- Amasty Elasticsearch 8 versions 8-8.x
- Amasty Opensearch

**<u>Please note</u>**: when **upgrading to Amasty Elasticsearch 8**, please specify *Elasticsearch Server Hostname* and *Elasticsearch Server Port* in extension general settings appropriate for Amasty Elasticsearch 8. This way you will avoid errors when executing the "setup:upgrade" command.

Search Engine	Elasticsearch 7	
Υ.	If not specified, Default Search Engine will be u	
Elasticsearch Server Hostname [global]	elasticsearch.corp.amdev.by	
Elasticsearch Server Port [global]	9710	
Elasticsearch Index Prefix [global]	mg243ce-asukharukava	
Enable Elasticsearch HTTP Auth [global]	No	

After the upgrade, the new option 'Amasty Elasticsearch 8' becomes available in the Search Engine dropdown. So you can choose and apply it.

You can check the version via curl request, for example:



• Elasticsearch-php, which is the Elasticsearch library;

Please note that the Elasticsearch-php library and Elasticsearch engine itself are different things. In its composer.json dependencies, the extension has **"elasticsearch/elasticsearch": ">=5.1"** specified, which means that 5th version of the PHP-library will be installed via Composer. However, along with that, you have to install Elasticsearch engine as well.

• Amasty Elastic Search for Magento 2 extension, which is a configurable bridge between Elasticsearch engine and Magento platform.

The Elastic Search extension for Magento 2 is **read compatible with GraphQL**. Now you can expose the data you need via GraphQL queries.

In **Elastic Search FAQ** you can find answers to the most popular questions about the extension functionality.

## Installing ElasticSearch engine

Prior to all the extension's settings, please, make sure that Elasticsearch engine is properly installed.

If you are experiencing any difficulties with the Elasticsearch engine installation process, you can get our **Elasticsearch installation service**.

Elasticsearch is provided in the various packages formats. The most commonly servers work on Debian-based or RPM-based systems.

ELASTICSEARCH ENGINE INSTALLATION





## Install ElasticSearch Engine with Debian Package

Debian Package can be used to install Elasticsearch on any Debian-based system such as Debian and Ubuntu. You can install and run the Elasticsearch Debian package with the following:

```
wget
https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-6.3.0.deb
wget
https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-6.3.0.deb
.sha512
shasum -a 512 -c elasticsearch-6.3.0.deb.sha512
sudo dpkg -i elasticsearch-6.3.0.deb
sudo update-rc.d elasticsearch defaults 95 10
sudo -i service elasticsearch start
```

For more details on the installation aspects, please, visit the official Elasticsearch documentation.

## Install ElasticSearch Engine with RPM

It can be used to install Elasticsearch on any RPM-based system such as OpenSuSE, SLES, Centos, Red Hat, and Oracle Enterprise. The RPM for Elasticsearch v6.3.0 can be downloaded from the website and installed with the following commands:

```
wget
https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-6.3.0.rpm
wget
https://artifacts.elastic.co/downloads/elasticsearch/elasticsearch-6.3.0.rpm
.sha512
shasum -a 512 -c elasticsearch-6.3.0.rpm.sha512
sudo rpm --install elasticsearch-6.3.0.rpm
sudo chkconfig --add elasticsearch
sudo -i service elasticsearch start
```

For more details on the installation aspects, please, visit the official Elasticsearch documentation.

# How to configure the connection to Elasticsearch in Magento 2

The extension is **compatible with Hyvä Theme**. You can find the 'amasty/module-elastic-searchhyva-compatibility' package for installing in composer suggest.

For the correct Hyvä compatibility work, the *GraphQL module* should also be installed. You can find it in the composer suggest 'amasty/module-elastic-search-graphql'

Note: the compatibility is available as part of an active product subscription or Support Subscription.

According to Elasticsearch tutorial for Magento 2, to manage a connection to Elastic Search you should go to Admin Panel  $\rightarrow$  Stores  $\rightarrow$  Configuration  $\rightarrow$  Elastic Search  $\rightarrow$  Connection

## Connection

Search Engine [global]	Amasty Elasticsearch 💌	?
Elasticsearch Server Hostname [global]	172.30.0.1	
Elasticsearch Server Port [global]	9200	
Elasticsearch Index Prefix [global]	d23s866122	
Enable Elasticsearch HTTP Auth [global]	No	
Elasticsearch Server Timeout [global]	15	
Custom Analyzer [store view]	Disabled 🔻	
Elasticsearch Tokenizers [store view]	Whitespace 🔻	
	Whitespace Standard	
	Test Connection	

To enable the extension, in the **Search Engine** field, select the *Amasty ElasticSearch*. Alternatively, select *MySQL*, to disable the extension.

## <u>a</u>masty

**Elasticsearch Server Hostname** - Specify a host name or IP address of a machine that runs Elasticsearch. (localhost or 127.0.0.1 by default).Get this value via Magento Cloud.

**Elasticsearch Server Port** - Set the Elasticsearch web server proxy port. In our example, the port is 9200.Get this value via Magento Cloud.

**Elasticsearch Index Prefix** - Specify a particular prefix for each store that you employ elastic search for.

I.e. If you use a single Elasticsearch instance for more than one Magento installation (for instance, *Staging* and *Production* environments), specify a unique prefix for each installation.

**Enable Elasticsearch HTTP Auth** - Select '*Yes*', if you have enabled authentication for your Elasticsearch server. Specify a user name and password in the pop-up fields.

**Elasticsearch Server Timeout** - here you can set the timeout. Enter the number of seconds before the system times out. The default value is 15.

**Custom Analyzer** - here you can specify the needed custom analyzer or leave this setting disabled. Here you can find some more information on available Custom Analizers.

**Elasticsearch Tokenizers** - this setting becomes visible when the Custom Analyzer setting is set to 'Disabled' and is accessible with an active product or support subscription. To upgrade and ulock this functionality, please follow the link. Currently, there are two available options for this setting: Whitespace and Standard.

Tokenizers impact synonym usage, mapping, stemming, and handling special characters. You can explore more about tokenizers here.

Click Test Connection.

The module is able to handle direct **API** requests for searching. Check this guide to explore some tips on how to build such requests properly.

## Autocomplete suggestions & Spelling correction

To configure Elastic Search functionality, go to Admin Panel  $\rightarrow$  Stores  $\rightarrow$  Configuration  $\rightarrow$  Elastic Search  $\rightarrow$  Catalog

**Wildcard Type** - Specify the type of the autocomplete suggestion - the part of a word which will be auto-completed. Three types are available to set:



**Enable Wildcard After** - Specify a number of symbols, after which an autocomplete suggestion will be applied.

Enable Wildcard After [global]	3
	Specify a number of symbols to apply autocomplete suggestion after.

Autocomplete suggestions after 3 symbols.

jac Q	) \m
Ingrid Running Jacket ***** 2 reviews \$84.00 Add to Cart • .1	

**Enable Spell Correction After** - Specify a number of symbols, after which a spell correction will be applied.

Enable Spell Correction After [global]	4
	Specify a number of symbols to apply spell correction after.

Spell correction after 4 symbols.

jackat Q	`₩
Adrienne Trek Jacket **** *** 2 reviews \$57.00 Add to Cart * .11	

**Allow Special Characters** - Enable a long-tail search. The search will include the hyphens, slashes and any symbols. The feature provides precise results when searching by SKU and MPN (manufacturer part numbers).

NEW: If a customer searches by SKU of a child product that is not visible individually, the parent

product will be shown as a result.

Allow Special Characters [global]

Yes	•
Useful when customer uses a highly specific search phrase and words the contain slashes, hyphens, dashes or any other non-alphabetic symbols.	nat

- A sample of the precise long-tail search by SKU.
- Note that the default search will not return any results for 24-MB04 request as it is based on the default product labels from a database, while the long-tail feature analyzes the keywords by patterns and "fixes" the query, returning the precise search results.

	24-MB04 Q 🐙
	Strive Shoulder Pack ****** 2 reviews \$32.00 Add to Cart
Use Amasty Meta Tags	Yes

**Use Amasty Meta Tags Templates Data** - When set to /'Yes'/, the extension will utilize **Amasty Meta Tags Templates** extension data for the meta attributes used in the search.

For further configuration of Meta Tags, please navigate to Stores  $\rightarrow$  Configuration  $\rightarrow$  Amasty Extensions  $\rightarrow$  SEO Meta Tags Templates

Please consult this user guide to set up **SEO Meta Tags Templates** configurations.

## <u>a</u>masty

Blog (1)

Landing Pages (0)

You have no items to compare.

You have no items in your wish list.

My Wish List

**Allow to Search Within Results (Desktop)** - Set this setting to '*Yes*' to enable the additional search field will be added to the search results page.

#### Here's the example of how it looks on the frontend:

#### 

( d blue	× Search		
Items 1-12 of 41			Sort By Relevance 🗸
Did you mean			
soft			
Related search terms			
shorts			
Frika Running Short	Pierre Gym Short	Haukeye Yaga Short	Sol Active Short
**** 3 Reviews	As low as \$27.00		As low as \$32.00
As low as \$45.00		As low as \$29.00	
	32 33 34 36		32 33 34 36



Case Sensitivity of Stop Words [store view]

Set to 'Yes' if you want all stop words to be case sensitive.

#### Case Sensitivity of Synonyms - Set to 'Yes' if you want all synonyms to be case sensitive.

#### Use Case: Case Sensitivity of Synonyms in Search

#### Preconditions:

- Set the "Case Sensitivity of Synonyms" setting to "Yes".
- Create a synonym pair: product, module.
- Specify different names for 4 items: product, Product, module, Module.

#### Steps to Reproduce:

- 1. Perform a search for the word "product" on the front end.
  - Since "product" is in the synonym list, the search engine will look for "module" in a caseinsensitive manner, finding all 4 matches (product, Product, module, Module).
- 2. Perform a search for the word "Product".
  - Due to case sensitivity, the synonym will not be matched. The search will be conducted only for "Product", resulting in 2 matches (Product, Module).
- 3. Turn off the "Case Sensitivity of Synonyms" setting.
  - Perform a search for the word "Product" again.
  - The synonym will now be found, and the search will include both "Product" and "module" in a case-insensitive manner, finding all 4 matches.

**Summary:** The "Case Sensitivity of Synonyms" setting determines whether synonyms are matched in a case-sensitive manner. When enabled, it affects whether a synonym is found. The subsequent search behavior follows standard Elasticsearch rules.

Case Sensitivity of Stop Words - Set to 'Yes' if you want all stop words to be case sensitive.

## **Advanced Query Settings**

## Add a product attribute

A product attribute in advanced query settings.

Search Query Settings [global]	Attribute	Wildcard	Spell Correction	Match Mode
	Product Name	Ves	No	OR 🔻
	SKU	Ves 💽	No No	OR 🔻

To add a product attribute to a search query configuration, please go to **Admin Panel**  $\rightarrow$  **Stores**  $\rightarrow$  **Attributes**  $\rightarrow$  **Product**  $\rightarrow$  Select a needed *product attribute*  $\rightarrow$  click a tab **Storefront Properties**  $\rightarrow$  Enable **Use in Search** 

See our short guide how to add a product attribute:



## Query

Specify the search type preferences for each product attribute:

Consider, that shoppers don't have to input neither asterisks, nor boolean operators in a search query. The functionality is fully implemented in the search logic.

- **Wildcard** search presupposes that shoppers can input a half-finished word, and get a relevant result.
- **Match Mode** is how the words in a search query are combined. Shoppers don't have to input *AND/OR* in a search query. Go to match mode settings.
- **Spell Correction** enables automatic spelling correction. Please note that enabling this function may affect the synonyms operation and they may not work correctly.
- Please note that **Wildcard** and **Spell Correction** are not able to work at the same time.

Search Query Settings [global]	Attribute	Wildcard	Spell Correction	Match Mode
	Product Name	Yes	No	OR •
	SKU	Ves	◯ No	OR •
	Description	◯ No	Ves	AND 🔻
	Manufacturer	Ves Ves	No	OR •
	Color	◯ No	Ves	AND 🔻
	Sport Team	Ves Ves	No	OR 🔻
	Gender	◯ No	Yes	OR 💌

## Product Name attribute with Wildcard vs with Spell Correction

Check our short guide how a search works for a name attribute with auto-suggestion vs with spell correction step by step

[AMASTY ELASTIC SEARCH HOW A SEARCH W WITH AUTO-SUGG	ORKS FOR AN	ATTRIBUTE TH SPELL
CORRECTION		
amasty		

## **Match Mode**

Think over how would you like the keywords in a search query to be combined for each product attribute.

#### How it works?

For instance, a customer searches your web store looking for a *velvet jacket*. As you specify a boolean type for a **Product Name** attribute:

- 1. AND logic will return only results that contain **both** velvet and jacket
- 2. OR logic will return results that contain either velvet or jacket (velvet shoes, denim jacket, etc)

## Search results for 'radiant tee' sample

• with AND logic

🚫 LUMA		[	Q radiant tee		×	<b>)</b>
What's New Women $ \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $	Men	∨ Ge	RECENT SEARCHES	PRODUCTS		
Home > Women > Tops Hoodies &	> Hood SW	ies & Swea (eat	Sport Team			
Shopping Options						
STOCK	$\sim$			Radiant Tee		
SALE	$\sim$			★★★★★ 3 reviews		Ţ
NEW	$\sim$			As Low As <b>\$22.00</b>		
ERIN RECOMMENDS	$\sim$			Add to Cart 🖤 .i		
PERFORMANCE FABRIC	$\sim$					
ECO COLLECTION	~					

• with OR logic

🚫 LUMA		[	Q radiant tee				× )
What's New Women	∕ Men	∨ Ge	CATEGORIES TeeS	PRODUCTS			
Home > Women > Tops Hoodies &	> Hoodi	es & Swea Veat	TeeS TeeS RECENT SEARCHES Radiant Tee Hoodie Tee	A Contraction			
Shopping Options			Sport Team				_
STOCK	$\sim$			Chicago Bulls Logo Tee	Radiant Tee	Desiree Fitness Tee	
SALE	$\sim$			On Sale!	★★★★★ 3 reviews	3 reviews	
NEW	$\sim$			\$80.00	As Low As <b>\$22.00</b>	As Low As <b>\$24.00</b>	
ERIN RECOMMENDS	$\sim$			Add to Cart 🖤 .11	Add to Cart 🖤 .lı	Add to Cart 🖤 . II	
PERFORMANCE FABRIC	$\sim$						
ECO COLLECTION	$\sim$				View All (23)		

## **Indexation Settings**

Indexation Settings		
Char Mapping [store view]	& => and é => eh oé => oe č => ch	0
	Mappings are used to convert a specified string of characters to specified value.	
Use Inbox Stopwords [store view]	Yes	
Language [store view]	Czech 🗸	
Use Inbox Stemming [store view]	Yes	
Language [store view]	Czech	

**Char Mapping** - Mappings are used to convert a specified string of characters to a specified value. The format of mapping should be the following:  $\{key\} \Rightarrow \{value\}$ 

<u>Note:</u> Enter one mapping per line. The longest match is of higher priority. Character mapping works for a single character or set of characters without spaces. If you want to match a multi-word phrase, you can do it by managing synonyms.

**How is this setting helpful?** For example, customers will be able to search for the brand names with special characters like *Chloé* or *Dolce & Gabbana* easier, as there'll be no need to search for the unique symbol as its alternative will provide the same search results.

**Use Inbox Stopwords** - enable this option to apply a default set of stopwords. Specify the necessary language.

See how to manage custom stopwords here.

**Use Inbox Stemming** - set to *Yes* and select the language to use stemmed words in search. This feature allows customers to search by the root form of the word. For example, if a customer types "bags", he will get results with a "bag" single form as well.

This is how the feature works:



## **Stop words**

To keep index small by specifying the list of words to be ignored by the search engine, go to **Admin Panel**  $\rightarrow$  **System**  $\rightarrow$  **Manage Stop Words**.

👤 demouser 🔻

## Manage Stop Words

			Import Stop Words Add New S	top Word
Action	15 🔻	70 records found	Filters     Default View       20     r       per page     1	Columns
▼	Id	Stop Word	Store View	Action
	1	a	Main Website Main Website Store Default Store View	Select 🔺
	36	a	Main Website Main Website Store Store View 2	Delete
	2	an	Main Website Main Website Store Default Store View	Select 🔻
	37	an	Main Website Main Website Store Store View 2	Select 🔻
	3	and	Main Website Main Website Store Default Store View	Select 🔻
	38	and	Main Website Main Website Store Store View 2	Select 🝷
	4	are	Main Website Main Website Store Default Store View	Select 🝷

On the grid, the list of all stop words is displayed. Easily *Edit* or *Delete* each stop word via **Action** column.

Click Add New Stop Word. Specify a Stop Word and Store View for the word to be applied.



## Stop Word Information

Stop Word *	for		
Store View *	Default Store View	•	

In the stop word, there should be no whitespaces. To prevent the admin from entering the whitespace, the extension automatically validates the field and returns the warning if the whitespace was found.

## Stop Word Information

Stop Word *	search word
	Stop words should not contain whitespaces.
Store View *	Default Store View 🔻

With the extension, it is also possible to **Import Stop Words**.

Impor	t Stop W	ords		demouser 🔻
			← Back	Import
Import				
	File Upload	<b>Choose File</b> No file chosen Please upload the CSV file		
	Store View *	Default Store View 🔻		

## Synonyms

To build a dictionary of synonyms, navigate to **Admin Panel**  $\rightarrow$  **System**  $\rightarrow$  **Manage Synonyms**.

## Manage Synonyms

👤 demouser 🗸

		Impo	ort Synonyms Add Ne	w Synonym
Action	ns ▼ Id	2 records found 20 Synonym Enumeration	per page  Store View	Columns ▼ 1 of 1 > Action
	1	laptop, notebook, netbook, yogabook	Main Website Main Website Store Default Store View	Select 🔺 Edit
	2	shirt, long-sleeve, short-sleeve, polo, blouse	Main Website Main Website Store Default Store View	Delete

Click **Add New Synonym** to input a group of words that will be regarded equally by a search logic. Separate them with commas.

The module handles **multi-word synonyms** search.

Select a Store View.

## Edit Synonym "bag, bags, baggy, handbag, hand bag"

			← Back	Delete
Synonym Information				
Synonym Enumeration *	bag, bags, baggy, handbag, Please insert comma-separat synonym, synonym". Learn m	hand bag ed values, hore about	like "original wor t synonyms work	d, here.
Store View *	Popup Classic Mode	•		

You can switch to edit an entry by clicking Select in Action column on the synonyms' grid.

Note that for the synonyms correct work the spell correction function must be disabled.

As an alternative, **Import** a CSV file with synonyms dictionary.

Import	
File Upload	Choose File No file chosen Please upload the CSV file
Store View *	Default Store View 🔹
In a CSV file each group of words should	d be comma separated and placed on a separate line. Click here
to download the example.	

Have a look at a search by synonyms in action:



## **Manage Relevance Rules**

Please note that the Relevance Rules functionality **can potentially impact store performance**. To minimize this effect, it's advisable to use Relevance Rules cautiously, **avoid overly complex conditions**, and ensure your infrastructure can handle additional computational load.

To manage boost rules, navigate to **Admin Panel** → **System** → **Search Page Relevance Rules**.



In the Action column (Select drop-down) choose Edit, to edit the existing rules.

Click **Add New Rule** to specify search and return conditions for a new promo rule.

Chicago Bulls Tee Merch Promo					Q	💄 admin 🗸	
				←в	ack	Reset	Save
Title *	Chicago Bul	lls Tee Merch	Promo				
Enabled	Ves 🌔						
Website	Main Websi	ite 💌					
Active	from	10000 11111	to		ن ن 		
Product Relevance *	Increase by	•	100 tin	nes 🥐	)		
Conditions							
Rule won't work if no conditions are If ALL of these conditions are TRUE : SKU is canter-01 Preview Products Hide Product	applied						
Please click here to preview the prod	uct list.						
1 records found			20 •	per pag	e <	1	of 1 >
ID ↓ Thumbnail Name	Туре	Attribute Set	SKU	Price	Visibility	Status	bestseller
2051 Chicago Bulls Logo Tee	Simple Product	Тор	canter- 01	\$80.00	Catalog, Search	Enable	d

Specify the name for a relevance rule - input **Title**. Note, that it is used mainly for admin.

**Enabled** - Enable or disable a rule with a toggle.

Note, that you might need to re-index your Magento for the changes to take effect.

**Website** - Specify the particular stores, where you want the rule to be applied. Select from drop-down a needed store.

Activate - Set the dates (from-to), use a pop-up calendar or input directly with numbers.

**Product Relevance** - There are two modes available to work with relevance rules: **Increase by** and **Decrease by**:

- Select **Increase by** to boost a certain group of products in the search results;
- Select **Decrease by** to lower a product or a certain group of products in the search results;

Specify to what extend you want to boost or lower the products by setting a number from 1 to 100.

**Elasticsearch engine** uses so called **Scores**, when it manages the order of the search results' return. The module can increase or decrease these scores selectively by a set number of times.

**Conditions** - Set the conditions, according to your marketing needs.

- To boost or lower a certain product in the search results, you can click + button and select SKU from the condition drop-down, and specify its value.
- To boost or lower a certain group of products, click + **button** and select a **Category** from the condition, and specify a pass to the directory, where this group of products belong to. Next, additionally, you can select a **Brand**, for instance, and specify it. Also, in case this is a new collection, select **NEW** and set to *Yes*.

Rule won't work if no conditions are applied
If ALL of these conditions are TRUE :
SKU is canter-01 😣
Category is 24 🛞
Material contains Cotton 😣
New is Yes 🛞
۲

## [Premium] Relevance Rule 'Bestseller Sales'

Please note that this condition becomes available only if you install **Premium version** of the Elastic Search extension and the **Improved Sorting** extension is also installed and configured.

To configure the 'Bestseller Sales' relevance rule, please navigate to Admin Panel  $\rightarrow$  System  $\rightarrow$ 

Search Page Relevance Rules and start creating new relevance rule.

In the 'Conditions' section choose 'Improved Sorting  $\rightarrow$  Bestseller Sales' and specify a certain number of bestseller sales to trigger the start of the rule, for example: 'Bestseller Sales is 3' for the X last days.

## **Custom Analyzer**

With the extension you can use 3 custom analyzers: Chinese, Japanese and Korean.

Custom Analyzer [store view]	Chinese	
	Disabled	
	Chinese	
	Japanese	
	Korean	

Please note that installation of additional plugins is required.

To avoid irrelevant search results after applying one of these analyzers, please make sure you product titles and descriptions do not contain English words.

## **Chinese Analyzer**

To activate this custom analyzer, please install Chinese Analysis Plugin first.

The Chinese analyzer is not customizable, you can still limit the max number of search results and set different match modes for the attributes.

0

## Catalog

Max Number of Search Results [store view]

> Search Query Settings [store view]

v] 0

Specify the maximum number of items in the search results. Set 0 to use default Magento limitation (10000 items).

Attribute	Match Mode
Product Name	OR 🔻
SKU	AND 🔻
Description	AND 🔻
Short Description	AND 🔻
Manufacturer	OR 💌
Color	AND 💌
Sport Team	OR 💌
Gender	OR 💌
Material	AND 🔻

Specify the search type preferences for each product attribute. Please consult the user guide.

## Japanese Analyzer

Click here to install the Japanese (kuromoji) Analysis plugin.

Go to the Indexation Settings tab.

#### Indexation Settings

Use Inbox Stopwords [store view]	Yes	•
Indevetion Mode		
[store view]	Search	
	Normal	
	Search	
	Extended	
Use Reading Form [store view]	Romaji	
	None	
	Romaji	
	Katakana	

Use Inbox Stopwords - select Yes to apply the default list of words to be ignored by search engine.

**Indexation Mode** - this setting determines how engine handles compound and unknown words under indexation.

3 modes are available:

Normal - applies the segmentation without decomposition for compounds.

The output sample:

関西国際空港 アブラカダブラ

**Search** - choose this mode if you want to decompound long words and include the full compound token as a synonym.

The output sample:

関西, 関西国際空港, 国際, 空港 アブラカダブラ

**Extended** - select this one to output unigrams for unfamiliar words.

The output sample:

関西, 国際, 空港 ア, ブ, ラ, カ, ダ, ブ, ラ

To get more accurate search results, please test the Extended mode efficiently, as it may consider

particular cases (e.g. English words) as unfamiliar.

**Use Reading Form** - choose the algorithm to replace words with their reading forms in either katakana or romaji set of characters.

Find out more about Japanese Analyzer modes here.

## **Korean Analyzer**

Download Korean Analysis plugin here.

To customize the analyzer, go to the Indexation Settings tab.

#### Indexation Settings

Indexation Mode [store view]	Discard	
	None	
	Discard	
	Mixed	
Use Reading Form [store view]	Yes	•
	Yes	
	No	

**Indexation Mode** - this setting determines how engine handles compound and unknown words under indexation.

3 modes are available:

**None** - the extension do not apply decomposition for compound words.

The output sample:

가거도항 가곡역

Discard - this mode applies decomposition of compounds and discarding the original form.

The output sample:

가곡역 => 가곡, 역

## <u>a</u>masty

Mixed - applies decomposition of compounds, but keeps the original form.

The output sample:

가곡역 => 가곡역, 가곡, 역

Use Reading Form - enable to rewrite words written in Hanja to their Hangul form.

Find out more about Korean Analyzer modes here.

## **Advanced Search**

Go to **Admin Panel**  $\rightarrow$  **Stores**  $\rightarrow$  **Configuration**  $\rightarrow$  **Advanced Search**, to configure the advanced search features.

Expand the General tab.

### **General Settings**

General



**Enable Fullscreen Mode** - Set this setting to '*Yes*' to enable the fullscreen mode of the autocomplete popup.

See the example of the fullscreen mode on the frontend:

2025/05/23 12:02	29/92	2		Guide for Ela	stic Search for Magento 2
🚫 LUMA		Q bag	×		×
Popular Searches Bag	Products (8)				View All (+2)
Categories Bags	$\mathbf{\Lambda}$				Va
Recent Searches					
Tra	Voyage Yoga Bag	Joust Duffle Bag	Wayfarer Messenger Bag	Push It Messenger Bag	Harmony Lumaflex™ Strength Band Kit ★★★ ★ 3 Reviews
FAQ	\$32.00	\$34.00	\$45.00	\$45.00	\$22.00
Do You Have <b>Bag</b> s For School? What Materials Are Your <b>Bag</b> s Produced Of	Add to Cart 🖤 . 🛙	Add to Cart 🖤 📲	Add to Cart 🖤 📲	Add to Cart 🖤 . II	Add to Cart 🖤 .11
Landing Pages Summer Sale Customers' Favorites	0				

Please note that id the setting '*Enable Fullscreen Mode*' is set to '*Yes*' then the settings '*Popup Width* (*px*)' and '*Search Field Width*' won't be available.

**Popup width (px)** - indicates the width of the autocomplete popup window to make it fit in with other page elements. The recommended value for the horizontal view is 900. To get the vertical view, please enter 700 and lower.

**Search Field Width** - Choose the 'Default' option to keep the original size of the search field during the searching process or enable the 'Dynamic' (based on popup width).

Please note: that the "Search Field Width" setting doesn't operate the same way on **Hyva Theme** as it does on Luma. When you set the "Search Field Width" to "Default", it affects the "Popup Width (px)" setting. This occurs because the default field takes up the full width.

**Min Characters** - specify the minimal number of characters that customers should type in to trigger the search process. By default, the number is three.

**Search Pop-up Delay (seconds)** - Reaching minimum number of characters will trigger search after a set delay. Please use delay value between 0 and 10 seconds. The default value is '0.5'.

**Display 'Search' Button** - Set '*Yes*' to display the 'Search' button near the search field.

See how it looks on the frontend (both variants):

|--|



Enable Redirect from 404 to Search	Yes (302 Found)	•	
Results [store view]	No		
·	Yes (302 Found)		
	Yes (301 Moved Permanently)		
Save Search Term [store view]	No	•	
	Set 'Yes' to save search term in the bar after going to search results page.	the	
Custom URL Key for Default Search Results Page	Yes	•	
[store view]	URL will look 'search/yellow' instead of 'catalogsearch/results/q=yellow'.		
Search Result Page URL Key [store view]	search		🕜 🗹 Use system
	Please do not use 'catalogsearch' as URL Key value. I use Varnish Cache then please add this custom URL the exclusions. Please see the details here.	f you Key to	value
Enable Tabs on the Search Result	Yes	•	
[store view]	Set 'Yes' to display separate tabs on the Search result for Category, CMS and Landing pages	lt page	
Enable Indexation for Autocomplete Popup	No	•	
[store view]	Set Yes to speed up autocomplete popup performar Please note, the reindex will take longer. This feature comes with Amasty Elastic Search extension only. Additionally, to ensure the proper functionality, it is necessary to initiate the reindexation process after enabling the setting.	ice. e	,

**Enable Redirect from 404 to Search Results** - If the option is enabled, when navigating to a broken URL or a non-existing page, a customer will be redirected to the store search results page instead of the '404 Not Found' page.

**Custom URL Key for Default Search Results Page** - enable to set SEO-friendly short URLs. URL will look 'search/yellow' instead of 'catalogsearch/results/q=yellow'.

**Search Results Page URL Key** - specify the URL alias for the search results' page.Please do not use 'catalogsearch' as URL Key value.

**Enable Tabs on the Search Result Page** - set to '*Yes*' to enable the tabs that sort search results by Category, CMS, and Landing on the search results page.

See on the image below how the tabs will look like if other extensions compatible to the Elastic Search by Amasty are also installed. These two extra tabs on the image become available if the Amasty Landing Pages for Magento 2 and Amasty Improved Layered Navigation for Magento 2 are installed.

#### Some other extensions will add other tabs.

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**Enable Indexation for Autocomplete popup** - Set '*Yes*' to speed up autocomplete popup performance. Please note, the reindex will take longer. This feature comes with the Amasty **Elastic Search** extension only.

To ensure smooth operation, it's important to run a reindexing process upon initially enabling the 'Enable Indexation for Autocomplete popup' setting. Otherwise it may result in performance issues in the frontend search autocomplete popup and trigger 500 errors in the console.

Please note, that when using the extension with Live Search, the indexation will not work.

Show Related Search Queries in Search Results	Yes, Show Only when search returns 0 💌
[store view]	No, Disabled
	Yes, Show Always
	Yes, Show Only when search returns 0 results
Show Related Search Queries Result Numbers	Yes 💌
[store view]	

**Show Related Search Queries in Search Results** - this option helps customers to get relevant results anyway if it's enabled. Choose one mode of the related search results display from the three available options:

- disable ('No, Disabled');
- enable permanently ('Yes, Show Always');
- enable only for a narrow case ('Yes, Show Only when search returns 0 results').

To learn how to assign related terms, please go to the Related Search Terms part of the guide.

**Show Related Search Queries Result Numbers** - enable or disable showing related search queries result numbers.

#### A front-end sample of tabs:



Please note that the **Related Search Terms counter** is displayed only when the default Magento setting is enabled at **Stores**  $\rightarrow$  **Configuration**  $\rightarrow$  **Catalog**  $\rightarrow$  **Catalog**  $\rightarrow$  **Catalog Search**  $\rightarrow$  **Show** 

## <u>a</u>masty

## **Results Count for Each Recommendation = Yes.**

## Search results for: 'bag'



**Replace Empty Search Result Message with CMS Block** - Choose '*No*' from the dropdown if you want the zero search results page to remain empty. Or just pick up any CMS block from the list of your blocks to be displayed in case there are no search results matching the search term.

Replace Empty Search Result Message with CMS Block [store view]

No	•
No	<b>_</b>
Footer Links Block	
Contact us info	
Sale Left Menu Block	
Gear Left Menu Block	
Men Left Menu Block	
Women Left Menu Block	
New Left Menu Block	
Women Block	
Training Block	
Men Block	
Gear Block	
Sale Block	
New Block	
Home Page Block	
Performance Fabrics Block	
Empty Search Results by Amasty	-

See an example of how this option can be configured below:





lagento 2	Guide for Elastic Search for M		35/92	2025/05/23 12:02
?	•	Yes	s Auto-Cleaning [global]	Old Search Requests
0		20	g Period in Days [global]	Auto-Cleaning

Old Search Requests Auto-Cleaning - Set to 'Yes' in order to clear the data from the amasty\_xsearch\_users\_search table. Please consider, that Search Analytics, Recent Activity and Most Wanted reports use this data. Therefore, enabling the auto-cleaning feature can affect analytics.

Auto-Cleaning Period in Days - Here you can specify the period for which you want to auto-clean the data from the amasty\_xsearch\_users\_search table.

Please note that id the setting 'Enable Fullscreen Mode' is set to 'Yes' then the settings 'Popup Width (px)' and 'Search Field Width' won't be available.

Please note, that for the correct operation of the module (EE and ECE Magento versions), we do not recommend using the setting Live Search - Enable Product Listing Widgets=Yes (Admin → Stores  $\rightarrow$  Configuration  $\rightarrow$  Live Search  $\rightarrow$  Storefront Freatures)

## Search Requests Limitation

With the Advanced Search extension, you can block IP addresses that send lots of spam requests. This helps prevent your databases from cluttering with unnecessary entries. The functionality is available as part of an active product subscription or support subscription.

## Search Requests Limitation

Block Requests from One IP Address [global]	Yes The IP address will be blocked according to the conditions set below: exceeding the number of requests for the specified period of time.	?
Requests Number [global]	100	]
Period in Minutes [global]	1	

Block Requests from One IP Address - set to 'Yes' to enable the option. In such a case The IP addresses will be blocked according to the conditions set below: exceeding the number of requests for the specified period of time.

**Requests Number** - set the number of requests.

**Period in Minutes** - set the period in minutes.

If more than the specified number of requests were sent from one IP address during the specified period, then the IP address will be blocked until the set period of time has elapsed since the last request.

Please note, that for the correct work of this functionality you will need to install the additional library: GitHub - symfony/rate-limiter, that will provide a Token Bucket implementation to rate limit input and output in your application.

## **Search Attributes**

Include any available product attributes in search algorithm. For each attribute, you can set a priority (weight).
Search Attributes
[global]

Attribute	Weight	Action
Brand	2 🔻	Î
Color	8 🔻	Î
Description 💌	1 •	Ê
Manufacturer 👻	3 🔻	Î
Product Name 💌	5 💌	Ê
Price 💌	2 🔻	Î
Short Description 💌	4 •	Ê
SKU	6 💌	Î
URL Key	1 •	Ê
Product ID 🔹	10 💌	Ê
Add		

The configuration settings are limited up to 500 attributes. If you have more than 500 attributes created, please manage them through the Product Attributes grid.

Click **Add** to create a new attribute. Use the bin icon in the **Action** column to delete attributes in one click.

#### Nuances of Searching by 'Product ID' Attribute

- Wildcard and Spell Correction: These features do not work when searching by Product ID.
- Weight Setting: We recommend assigning a high weight to this setting.
- Minimal Query Length: In Magento search, there is a parameter called "Minimal Query Length," which is set to 3 characters by default. This means that for IDs less than 100 (fewer than 3

characters), the search feature will not work. You can configure the Minimal Query Length by navigating to: Stores  $\rightarrow$  Configuration  $\rightarrow$  Catalog  $\rightarrow$  Catalog  $\rightarrow$  Catalog Search  $\rightarrow$  Minimal Query Length.

The configuration settings are limited **up to 500 attributes**. If you have more than 500 attributes created, please manage them through the Product Attributes grid (Stores  $\rightarrow$  Attributes  $\rightarrow$  Product)

Click **Add** to create a new attribute. Set its **Weight** from 1 to 10 - select from a drop-down. Use the bin icon in the **Action** column to delete attributes in one click.

If there is a *color* attribute with *weight 10* and *description* attribute with *weight 5*, and the query is *red*, search results will be more visually relevant, because the algorithm will choose *color* attribute prior to the words in description.

You'll also see in results such configurable products that have simple ones with the relevant attribute (e.g. like the tee with the product option 'red color').



### How to locate the search bar in other places than the default?

By default, the advanced search bar is located at the top right corner of the screen, near the shopping cart. But using widgets you can overcome Magento limitations and place the search bar anywhere you need all through the store, like on a *sidebar, in the footer, on the CMS pages,* and even in *Customer Account.* 

There are **two ways** of how to configure some non-trivial location for the search bar:

- 1. configure the widget and specify 'Layout Updates';
- 2. configure the **widget**, configure a **custom block** with it, and then use this block (for example, on a CMS page).

For using the first way, please navigate to *Content*  $\rightarrow$  *Widgets* and click on the '*Add Widget*' button. Choose the relevant theme to be applied for this widget and the widget type '**Amasty Search Field**'.

Ŵ	Widgets		
CATALOG		← Back Reset	
	WIDGET	Settings	
	Settings 🖌	Type * Amasty Search Field •	
	•	Design * Magento Luma *	
		Continue	
SYSTEM			

Specify widget title, needed store views, and the widget sort order.

WIDGET	Storefront Pro	perties
Storefront Properties	Туре	Amasty Search Field 🔹
	Design Package/ Theme	Magento Luma 💌
	Widget Title 🔸	Search bar on a sidebar
	Assign to Store	All Store Views
	Views *	Main Website
		Main Website Store
		Default Store View
		Store View 2
	Sort Order	0
		Sort Order of widget instances in the same container

First, please choose if you want to embed your widget on **Categories** (anchor or non-anchor), **Products** (depending on the product type), or **Generic Pages**. Depending on that choice you'll see the available containers for that type of a store page.

As per products and categories you can choose whether to display the widget on **all store product/category pages** in bulk or **on the specific only**.

As per **Generic pages**, there's the choice from three options, depending on which you'll see the unique set of the available containers:

- All Pages;
- Specified Page;
- Page Layouts.

#### Layout Updates

Display on Anchor Categorie	•	窗
Categories All Specific Categories 20 Default Category (ID: 2) What's New (ID: 38) What's New (ID: 38) Women (ID: 20) Default Category (ID: 2) What's New (ID: 38) Collections (ID: 2) Collections (ID: 3) Collections (ID: 7) Collections (ID: 7) Collections (ID: 7) Collections (ID: 29) Add Layout Update	Sidebar Main After Page Header Top Before Main Columns Before Page Footer Before Page Footer Con CMS Footer Links Compare Link Wrapper Main Content Area Main Content Area Main Content Aside Main Content Bottom Main Content Top Page Bottom Page Footer Page Footer Page Header Page Header Page Header Container Page Header Panel Page Top	Template Please Select Container First tainer
	Sidebar Additional Sidebar Main	<b>T</b>

When you're ready with all configurations, please refresh the page where you're expecting to see the widget and try flushing Magento Cache ('System  $\rightarrow$  Cache Management  $\rightarrow$  Flush Magento Cache') to see the result on the frontend immediately.

For the second way of locating the search bar anywhere else than the default please create the **'Amasty Search Field'** widget first and then please go to '*Content*  $\rightarrow$  *Blocks*' to integrate that widget on some of the existing blocks or for creating new.

See the example of how this widget looks on the frontend (sidebar category menu):



Q Enter Keyword or Item	(
POPULAR SEARCHES	
Hoodie	
Gear	
· Tee	
Hoodie Sale	
RECENT SEARCHES Shirt T Shirt Hoodie Tee	
Jackets	
Tees	

Pants







### Products

Expand this tab to configure products display in a popup window.

#### Products

Enabled [store view]	Yes	•
Pop-Up Display	Grid View	•
[store view]	Grid View	
	List View	
Title [store view]	Products	
Position [store view]	1	
	This setting is ignored for the horizonta popup window.	al

**Enabled** - set to '*Yes*' to enable search in products and display search results in the autocomplete popup.

**Pop-Up Display** - Choose one of the popup display modes from the dropdown.

• Grid view

			Sig	n In or Create an Account
🚫 LUMA			Q Hoodie	× ).
What's New Women ~ Men ~ Gear ~ Training ~ S	Recent Searches TRENT Bruno Copete Hoodie Blue Hoodie Bags Shirt Hoodie Category Women > Tops > Hoodies & Sweatshirts	Products (25)	Selene Yoga Hoodie 542.00	View All (+20)
	Men > Tops > Hoodies & Sweatshirts Browsing History TRENT Bruno Compete hoodie DIZZ HERO hoodie Hoodie Red Women hoodies	Helena Hooded	selene Yoga	Phoebe Zipper
	Recent Searches Hoodie Hoodie Red Women hoodies FAQ	S55.00 Add to Cart	4dd to Cart	Add to Cart
	Do you have Chelsea Tee <b>hoodie</b> in other <b>Hoodie</b> RDo you have Eos V-Neck hoodie of XL size			

• List view



Title - customize the title for the products block.

**Position** - specify products block position in the popup. This setting is ignored for the horizontal popup window.

Max Results [store view]	6
Name Length [store view]	50
Short Description Length [store view]	100
Show SKU [store view]	No
Show reviews [store view]	Yes 💌
Enable "Add to Cart" button [store view]	Yes 💌
Redirect to Product Page [store view]	Yes 🔻
	When there is only one product in result

Max Results - set the max number of displayed results.

**Name Length** - indicate the max number of characters of a product name that will be displayed in a popup window.

**Short Description Length** - set the number of characters for a product short description to be shown in a search window.

Please note that if you are using the default extension settings, the short description display for a product will be enabled. If you want to disable it, please specify the '*Short Description Length*' as 0 (zero).

Show SKU - Enable this setting to show thee SKU highlighted in the search autocomplete popup.



**Show Reviews** - enable reviews display in the autocomplete popup to help customers make the purchase decision much faster.

**Enable 'Add to Cart' button** - set to '*Yes*' to show **Add to cart** button in the popup to let customers purchase necessary products right away.

**Redirect to Product Page** - enable this option to redirect in case there is only one search result available.



**Show 'Out of Stock' Products Last** - enable this feature to place the out-of-stock items last in search results. When disabled, these products are displayed according to their relevance.

To make this feature work properly with out-of-stock items being displayed correctly, please make sure that out-of-stock items' visibility is enabled.

- Go to Admin Panel → Stores → Configuration → Catalog → Inventory → Stock Options.
- Navigate to a **Display Out of Stock Products** field  $\rightarrow$  Uncheck **Use system value** and set to 'Yes'.

Out-of-stock items displayed last in the search results, a sample.



Apply Relevance Rules to Autocomplete Popup Results [website] If enabled, applicable relevance rules (created in Elastic Search module) will impact not only the search results page, but the search popup as well.

**Apply Relevance Rules to Autocomplete Popup Results** - Set '*Yes*' to apply Relevance Rules to search autocomplete popup results.

Please note that if this setting is enabled, applicable relevance rules (created in Elastic Search module) will impact not only the search results page, but the search popup as well.

### **Multi-Store Search**

To adjust the settings for multi-store search please go to **Stores**  $\rightarrow$  **Configuration**  $\rightarrow$  **Amasty Extensions**  $\rightarrow$  **Advanced Search**  $\rightarrow$  **Products**  $\rightarrow$  **Multi-Store Search**. (Note: this functionality is available as part of an active product subscription or support subscription)

### ⊘ Multi-Store Search

Enabled [store view]	Yes	
Stores [store view]	All Store Views	
	Main Website	
	Main Website Store	4
Title [store view]	Multi-Store Search	
Position [store view]	1	
Max Results [store view]	4	Use system value

**Enabled** - Set to 'Yes' to enable multi-store search.

Stores - Select the stores among which the search will be conducted.

Title - Specify any custom title for the 'Multi-Search' block.

**Position** - In this field, you can specify the position (display order) of the 'Multi-Search' block within the search autocomplete popup.

**Max Results** - Here you can set the maximal number of results from the multi-search that will be visible in the popup. Or you can just use the system value which is 4 (four).

See the example of how 'Multi-Search' block may look on the frontend:

Q top

Multi-Store Search	Products (34)	
London Store (34 Results)		Flasher Dec Ten
Popular Searches	-	★★★★★ 4 Reviews SKU: WB01
Categories Tops		As low as \$39.00 Add to Cart
Tops		Leab Yoga <b>Top</b>
Recent Searches Top Mik Bag Hood		SKU: WT05 As low as \$39.00 Add to Cart

# **Popular Searches**

Popular Searches		
Enabled [store view]	Yes	•
Show on First Click [store view]	Yes	•
Title [store view]	Popular Searches	
Position [store view]	2	
Max Results [store view]	4	

**Enabled** - enable the display of the Popular Searches block.

**Show on First Click** - set the option to *Yes* to let customers see the Popular Searches block in the autocomplete popup once they click on the quick search field.

Title - specify the title of the block.

**Position** - set the position for the Popular searches block.

**Max Results** - set the maximal number of popular search results that will be displayed in the search autocomplete popup.

### A sample



**Browsing History** 

Browsing History	
Enabled [store view]	Yes  If enabled, logged in customers will see their latest search queries in the autocomplete popup.
Show on First Click [store view]	Yes 💌
Title [store view]	Browsing History
Position [store view]	6
Max Results [store view]	4

**Enabled** - Set this setting to '*Yes*' to allow the logged-in customers to see their latest search queries in the autocomplete popup.

Please note that this option ('*Browsing History*' display) is available for the registered (logged-in) customers only.

**Show on First Click** - Set this option to '*Yes*' to enable showing the '*Browsing History*' block at the first user's click in a popup.

**Title** - In this field, you can specify any custom title for the '*Browsing History*' block.

**Position** - In this field, you can specify the position (display order) of the '*Browsing History*' block within the search autocomplete popup.

**Max Results** - Here you can set the maximal number of results from the browsing history that will be visible in the popup. Or you can just use the system value which is 4 (four).

Please find below the samples of how the '*Browsing History*' block can look like on the frontend:

Guide for Elastic Search for Magento 2

Welcome, Veronica Costello! ~



	Q yoga			×	<u>,</u>
New Women	PAGES About Us		PRODUCTS		
Search results for: '	With More Than 230 Stores Spanning 43 States And Growing, Luma Is A Nationally Recognized Act				
arch res	CATEGORIES				
ing Options	New Luma Yoga Collection		# X	🦣 N 👂	
ORY	RECENT SEARCHES		Orestes <mark>Yoga</mark> Pant	Josie <mark>Yoga</mark> Jacket ★★★★	-
)men (13)	Yoga Tank Hoodie		As Low As <b>\$52.80</b>	4 Reviews As Low As <b>\$56.25</b>	-
Jackets (2)			Add to Cart 🖤 .lı	Add to Cart 🖤 .lı	
☐ Hoodies Sweatshi	BROWSING HISTORY				
(3) □ Bras &	Yoga	(35)			
Tanks (2	Watches	(6)			
	Sweatshirt	(9)			
(14) more	Hoodie Sale	(18)			
TEAM			Hawkeye <mark>Yoga</mark> Short	Sprite Foam <mark>Yoga</mark> Brick	
anta Hawks (1)			****		
rtland Trail Blazers			As Low As <b>\$29.00</b>	\$5.00	
	-		Add to Cart 🖤 .11	Add to Cart ¥.II	
G			View	All (35)	
★★★ & up (6)	30		30	26	
★★★ & up (16)				20	

### **Recent Searches**

#### **Recent Searches**

Enabled [store view]	Yes	•
Show on First Click [store view]	Yes	•
Title [store view]	Recent Searches	
Position [store view]	5	
Max Results [store view]	4	

**Enabled** - select Yes to display the Recent Searches block.

**Show on First Click** - set the option to *Yes* to let customers see the Recent Searches block in the autocomplete popup once they click on the quick search field.

Specify the Title, Position and Max Results to be displayed.

#### LUMA Q hoodie × -CATEGORIES What's New Women PRODUCTS Hoodies & Sweatshirts Hoodies & Sweatshirts Home > Search results for: RECENT SEARCHES Search res Shorts WS12 Hoodie Radiant Tee Shopping Options POPULAR SEARCHES CATEGORY DIZZ Hera Pullover Cassia Funnel Sweatshirt Hoodie Hoodie Women (10) \*\*\*\*\* Hoodie Sale Tops (10) 3 reviews Hoodie? Hoodies & As Low As \$48.00 As Low As \$48.00 Sweatshirt Add to Cart Add to Cart 🎔 . h ¥.h □ Men (10)

#### Display Recent Searches in a pop-up

				Q hoodie	×	<u>,</u>
n∨ Gear∨	Training ∨ Sale T	eams		RECENT SEARCHES Hoodie Tee		
s for: 'ł	noodie'			POPULAR SEARCHES		
				Hoodie		
rating $\checkmark$				Gear Tee		
Products	Categories (2)	Pages (0)	Brands (0)	Hoodie Sale		

### Blog

Blog

Enabled [store view]	Yes  Allows to search by blog pages created with Amasty Blog extension.
Title [store view]	Blog
Position [store view]	8
Max Results [store view]	4
Content Heading Length [store view]	50
Content Length [store view]	500

**Enabled** - set to *Yes* to enable search by blog pages and to display a blog section in the search window popup to help store visitors find the required content throughout your corporate blog.

Allows to search by blog pages created with **Amasty Blog Pro** extension.

Title - input a name for the section in the search popup, where the blog results will be displayed.

Also specify the **Position**, **Max Results**.

Set **Content Heading Length** and **Content Length** to be displayed to make your search autocomplete window look informative and clear.

#### **Brands**

Brands

Enabled [store view]	Yes  Allows to search by brand pages created with Amasty Improved Layered Navigation and Shop by Brand extensions.	
Title [store view]	Brands	
Position [store view]	6	
Max Results [store view]	4	Use system value
Content Heading Length [store view]	50	
Content Length [store view]	100	

**Enable** to display a Brand section in the search window popup.

The option allows to search by brand pages created with Amasty's **Improved Layered Navigation** and **Shop by Brand** extensions.

Specify the **Title**, **Position**, **Max Results**, **Content Heading Length** and **Content Length** for Brands block.

A brand sample section in the search pop-up:



Categories

Categories		(
Enabled [store view]	Yes 🔻	
Title [store view]	Categories	
Position [store view]	3	
Max Results		
[store view]	4	system
		value
Name Length [store view]	20	
Description Length [store view]	15	
Display Full Category Path [store view]	No	
Exclude Categories [store view]	None	
	What's New	
	Women	
	Tops	
	Jackets	

Selected categories will not be searchable in the popup.

**Enable** the option to let the extension search among category attributes and display the results in the autocomplete popup.

Specify Categories block Title, Position and the max number of displayed Results.

**Name Length** - indicate the number of characters of a category title that will be displayed in a popup window.

**Description Length** - set the number of characters for a product short description to be shown.

**Display Full Category Path** - set to Yes to show full path to the results displayed in the popup.

When mouse hover over a category link, the directory levels are displayed.

🚫 LUMA [	Q sport		×	
What's New Wom Home > Search results Search re	PAGES Shop By Sport Team Searching For A Favorite Team Brand? We Do Not Tell Anyone That You Are A Brandaholic. Enjoy Fa	PRODUCTS		
Shopping Options	CATEGORIES Performance Sportswear Trry RECENT SEARCHES	Chicago Bulls Logo Tee	Hawkeye Yoga Short	
□ Women (13) □ Tops (12)	Sport Ari	Collections > Performance Sports	swear New	
☐ Jackets ☐ Hoodi∉ Sweats	Backpack	\$80.00 Add to Cart 🖤 .11	As Low As \$29.00 Add to Cart	

**Exclude Categories** - here you can select the categories that you want to exclude from the search via the popup.

### **CMS Pages**

#### CMS Pages

Enabled [store view]	Yes 🔹	
Title [store view]	Pages	
Position [store view]	4	
Max Results [store view]	4	Use system value
Content Heading Length [store view]	40	
Content Length [store view]	40	

**Enable** search on CMS pages to provide customers with detailed search results.

Specify the Title, Position and the Max Results.

Also, set the maximal number of characters for **Content Heading** and **Content** that will be shown.

Excluded Pages	404 Not Found	?
[store view]		
	Home Page	
	Enable Cookies	
	Privacy Policy	
	About us	
	Customer Service	
	All Brands Page	
	Shop by Sport Team	
	FAQ Home Page	

**Excluded Pages** - Please select the CMS pages that will not be searchable in popup.

### **Recently Viewed**

**Recently Viewed** 

Enabled [store view]	Yes
Title [store view]	Recently Viewed
Max Results [store view]	10

**Enabled** - Set 'Yes' to enable the '*Recently Viewed*' widget in the autocomplete popup.

Title - In this field, you can specify a custom title for the widget.

Max Results - Here you can specify the max number of products to be displayed in the slider.

Please note that the '*Recently Viewed*' widget (in a form of a slider with recently viewed products) will be displayed only till the moment a user starts typing.

### **Bestsellers**

### Bestsellers

Enabled [store view]	Yes	•
Title [store view]	Bestsellers	
Position [store view]	Show Before Recently Viewed	•
	Show Before Recently Viewed	
	Show After Recently Viewed	
Max Results [store view]	10	

Please note that this widget will work only if the **Improved Sorting for Magento 2 by Amasty** extension is also installed.

**Enabled** - Set 'Yes' to enable the 'Bestsellers' widget in the autocomplete popup.

Title - In this field, you can specify a custom title for the widget.

**Position** - If the widget 'Recently Viewed' is enabled, you can specify in which order these two widgets will be displayed (which one first).

Max Results - Here you can specify the max number of products to be displayed in the slider.

Please note that the '*Bestsellers*' widget (in a form of a slider with recently viewed products) will be displayed only till the moment a user starts typing.

See how the widgets 'Recently Viewed' and 'Bestsellers' look like on the frontend:

Welcome, Veronica Costello! 🗸



**Landing Pages** 

#### Landing Pages

Enabled [store view]	Yes 💌	
	Allows to search by landing pages created with Amasty Landing Pages extension.	
Title [store view]	Landing Pages	
Position [store view]	7	
Max Results [store view]	4	Use system value
Content Heading Length [store view]	40	
Content Length [store view]	40	

**Enable** search landing pages in the popup, specify the **Title**, **Position** and the **Max Results**. Set the maximal number of characters for **Content Heading** and **Content** that will be shown is the search popup.

Allows to search by landing pages created with **Amasty Landing Pages** extension. **Search Landing Pages** 

To display Landing Pages instead of the search results page, go to Admin Panel  $\rightarrow$  Marketing  $\rightarrow$  SEO & Search  $\rightarrow$  Search Terms  $\rightarrow$  Press Add New Search Term.

- Input expected Search Query;
- Specify the **Store**;
- Redirect URL input the URL of the landing page.

General Information	
Search Query *	yellow tee
Store *	Default Store View 🔹 🕐
Redirect URL	example.com/summer-sale
	ex. http://domain.com
Display in Suggested Terms	No 🔻

### **FAQ Question**

FAQ Question

Enabled [store view]	Yes 💌
	Allows to search within FAQ and Product Questions pages created with Amasty extension extension.
Title [store view]	FAQ and Product Questions
Position [store view]	5
Max Results [store view]	4
Content Heading Length [store view]	40
Content Length [store view]	40

**Enable** search FAQ pages in the popup, specify the **Title**, **Position** and the **Max Results**. Set the maximal number of characters for **Content Heading** and **Content** that will be shown in the search popup.

### **Compatibility with Store Locator**

The Advanced Search extension is compatible with our Store Locator extension (the compatibility is available as a part of an active product subscription or support subscription). This means that if you have **both modules installed**, you can also search by store locations created with Amasty Store Locator extension.

For the functionality correct operation you will additionally need to install the 'amasty/module-storelocator-advanced-search' package, you can find it in amasty/xsearch module composer suggest.

Navigate to Advanced Search extension general settings to enable the compatibility.

#### Store Locator

Enabled [store view]	Yes  Allows to search by store locations created with Amasty Store Locator extension (Please note: for the	
	functionality correct operation you will additionally need to install the 'amasty/module-store-locator- advanced-search' package, you can find it in amasty/xsearch module composer suggest).	
Title [store view]	Store Locations	
Position [store view]	2	
Max Results [store view]	4	Use system value
Content Heading Length [store view]	20	
Content Length [store view]	50	

**Enable** search by Store Locations in the popup, specify the **Title**, **Position** and the **Max Results**. Set the maximal number of characters for **Content Heading** and **Content** that will be shown in the search popup.

Here's an example of how this functionality may appear on the fronten:

	Q par				×
, [	Store Locator Paris	Products			
	Popular Searches	Ò	<u>(</u> )	71	N
	Joust Parl	Sparta Gym Tank SKU: MT08	Cassius S <b>par</b> ring Tank	lda Workout <b>Par</b> achute Pant	Cora <b>Par</b> achute Pant
	Joust Du	As low as \$19.33	SKU: MT12 As low as	★★★★★ 3 Reviews	★★★★★ 4 Reviews
	Pages Welcome To Our Affiliate Program	Add to Cart	\$12.00	SKU: WP03 As low as	SKU: WP04 As low as

After clicking on a specific store in the search popup, the customer will be redirected to the page of that store's location.

### Compatibility with Improved Sorting

The extension is compatible with Amasty Improved Sorting module. This means that if you have **both modules installed**, the sorting of search results in the Search Popup can be configured according to the settings of Default Sorting on Search Pages. To enable this functionality please navigate to **Amasty**  $\rightarrow$  **Improved Sorting**  $\rightarrow$  **Configuration**  $\rightarrow$  **Sorting by Default**  $\rightarrow$  **Default Sorting on Search Pages**:

Sorting by Default			$\odot$
<ul> <li>Please kindly note: if products</li> <li>Relevance Rules, the settings I</li> </ul>	on a search results page match the conditions isted below will be ignored and products will g	s of Amasty Elastic Search et sorted by relevance	
Default Sorting on Search P	ages		
First Sort by [store view]	Relevance	•	
Then by [store view]	Top Rated	•	
Then by [store view]	Price: high to low	•	
Use in Search Popup [store view]	Yes If enabled, products in the Amasty Advanced Search popup will follow the default sorting configured for search pages. Otherwise, products will be sorted by relevance.	•	
Default Sorting on Category	/ Pages		
First Sort by [store view]	Best Sellers Synced with Configuration -> Catalog -> Catalog -> Storefront -> Product Listing Sort by	•	

**Use in Search Popup** - If enabled, products in the Amasty Advanced Search popup will follow the default sorting configured for search pages. Otherwise, products will be sorted by relevance.

This compatibility also enables the display of **Bestsellers** widget in the autocomplete popup.

### <u>a</u>masty

### **Custom Layout**

### **Custom Layout**

Enabled [store view]	Yes 💌
[store view]	
Border [store view]	ccb7cc
[store view]	ade0ff
Highlight	
[store view]	ffc9ff
Background [store view]	ffffff
Text [store view]	54A1FF
Hover Text [store view]	3C00FF
Search Button Color [store view]	1979c2
Search Button Text Color [store view]	ffffff

**Enable** this option to customize popup design.

Set colors for a **Border**, **Hover**, **Highlight**, **Background**, **Text** and **Hover Text** using convenient color picker tool.

See custom layout example:

			Custom Layout	
••			Enabled	
Game controll			Yes	*
S dame controll			Border	
RECENT SEARCHES	PRODUCTS		#545454	
Gamepad			Hover	
Controller			#0846BA	
			Highlight	
POPULAR SEARCHES	<b>•</b>		#FFEA30	
Gamepad Game Controller	Video Game Controller	Game Controller PRO	Background	
CATEGORIES	¢ 42.00	¢79.00	#000A1F	
Gaming	\$42.00	\$78.00	Text	
	Add to Cart 🔍 📲	Add to Cart 🖤	#FFFFF	
	View	All (10)	Hover Text	
			#EEDCA7	

We have added the **ability to delete data** from our *amasty\_xsearch\_users\_search table*, as it can become very large over time.

This is implemented by adding our key to the search\_query Magento table, so that when it is cleared, our table is also cleared. Both tables have a *query\_id* column. And as soon as the particular ID is deleted from Magento table, the records with the same *query\_id* are deleted in our table as well.

# **Analytical Dashboard**

The Advanced Search extension allows to maximize profits by analyzing visitors' searching activity and the data gained.

To see the Search Analytics dashboards, go to **Admin Panel**  $\rightarrow$  **Reports**  $\rightarrow$  **Search Analytics**.

### Search Analytics





Apply



#### **Most Wanted Search Terms**

#### Recent Activity (Search Volume)

Search Query	Total Searches	Users	Engagement
bag	36	14	21.43%
hoodie	23	6	0%
test	13	2	0%
red	9	3	0%
hoo	9	6	0%
hoodie nike	8	1	0%
camping	6	1	O%
summit backpack	5	2	50%

Here you can see the following values: total searches, unique searches, the number of users and users' engagement. The Engagement statistics includes the page jumps to Brands, Categories, Blog, CMS & Landing pages.

Easily check customers' demand in the **Most Wanted Search Terms** and **Recent Activity** blocks. The extension automatically records the activity of users on the front end and converts it into reports
on the back end.

Also in this report you can filter information by a specific period of time.

To see more details on Most Wanted Search Terms, go to **Admin Panel**  $\rightarrow$  **Reports**  $\rightarrow$  **Most Wanted**.

Please note that the *Engagement* metric is about the engagement with the autocomplete popup of the extension only, i.e. if shoppers click on the links in a popup, add products to cart etc. If they just type a search term and press 'Enter' without any extra popup engagement, then such action will not be counted in the engagement stats.

In this report, you can explore the most popular search queries, total searches of terms, the number of users who were searching for particular terms and engagement level. You can also filter the Most Wanted Search Terms report by date.

Most Wanted Search Terms							
Search Terms Period							
to 09/20/2022							
Apply							
		<b>T</b> Filters	O Default View ▪ Columns ▪				
36 records found		20 • p	er page < 1 of 2 >				
Search Query	Total Searches	Users	Engagement, %				
bag	33	7	20.57				
		1	20.57				
test	16	3	0.00				
test hoodie	16 13	3	0.00				
test hoodie shorts	16 13 9	7 3 3 1	0.00 0.00 0.00				
test hoodie shorts bag	16 13 9 8	2 2	0.00 0.00 0.00 50.00				
test hoodie shorts bag short	16 13 9 8 8	2 1 1	2.57 0.00 0.00 50.00 0.00				
test hoodie shorts bag short hoodie	16 13 9 8 8 8 6	2 1 1 1	20.00 0.00 0.00 50.00 0.00 0.00				

To see more details on customers' Recent Activities, go to Admin Panel  $\rightarrow$  Reports  $\rightarrow$  Recent Activity.

## <u>a</u>masty

### **Recent Activity**

<b>T</b> Filters		0	Default View	•	\$	Colum	ns 🔻
20	•	per page	<		1	of 1	>

Total Searches	Unique Searches	Users	Engagement, %	Date and Time
11	3	2	50	02 April 2019
11	4	2	100	01 April 2019
9	8	1	100	29 March 2019
33	4	1	0	18 March 2019
10	2	2	50	14 March 2019
9	5	1	100	13 March 2019
12	7	1	0	12 March 2019
3	3	1	100	04 February 2019

#### **Related Search Terms**

This extension lets store admins construct a seamless search flow with the related search terms. It is highly useful for customers, as it helps to navigate the store with relevant search suggestions.

Start by overseeing all search terms, that users created in the store by organically entering search requests in the autocomplete search window. To access it, please go to the **Admin Panel**  $\rightarrow$  **Marketing**  $\rightarrow$  **SEO & Search**  $\rightarrow$  **Search Terms**.

Here, you can see how each search word performs. You can also export it in the CSV or Excel XML formats just in one click. Also, easily add new search terms or edit them.

Press on the required search term to modify it.

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#### **General Information**

Search Query *	delivery
Store *	Default Store View 🔹 🕜
Number of results *	0 For the last time placed.
Number of Uses *	0
Redirect URL	http://demo2.amasty.com/_router2/redirect/advanced-search ex. http://domain.com
Display in Suggested Terms	Yes 👻

#### **Related Terms**

Search	Reset Filter 6 n	ecords found	20 •	v per page <	1 of 1 >
	ID	Search Query	Results	Hits	Position 1
Any 💌		d			From To
✓	68	deliver	5	1	0
⊻	76	ddelivry	0	0	0
	13	hoodie	20	6	0
⊻	66	delive	5	1	0

Here, the admin can adjust the general information and assign related terms.

Search Query - enter the search request a user needs to type into the search field.

**Store** - assign the store view for a specific keyword.

Number of Results - it specifies, how many search results will be returned.

**Number of Uses** - this number signifies how many times visitors have requested this specific search query.



Redirect URL - enter the URL you want to redirect users to when clicking on search results.

**Display in Suggested Terms** - set to *Yes* to show this search word in the Related Terms list for other search requests.

In the **Related Terms** table you'll get a list of all search terms that are enabled for display in suggested terms. Mark the necessary ones that match your goal by ticking the checkmark. This way, it will be much easier for a customer to navigate your store even if they've misspelled the search requests. Also, it's a great opportunity for a store owner to promote relevant searches that might be interesting for a customer and therefore motivate them to purchase in your store.

## [Premium] Configure the Improved Sorting module for Elastic Search Premium

Please note that this set of configurations is available out of the box for the **Elastic Search Premium** for Magento 2 only.

See the full guide on how to configure the Improved Sorting for Magento 2 extension here.

#### New sorting options on front end

The new sorting options and widgets are added to standard Magento ones on the front end and enable your customers to find the right products faster. Also **Ratings and reviews** of other people can be really helpful for your customers.



#### **Compatibility with Yotpo Reviews**

As well as with the Magento default reviews, you can use a 'Reviews Count' feature with popular Yotpo Reviews extension. Easily collect customer reviews and then display them on site pages to help

buyers with purchase decisions. Moreover, analyzing customers' feedback data you can continually optimize your web store to provide better customer experience and increase your store conversion.

Shopping Options			Sort By	Reviews Count 🔿 🕴
				Position Best Sellers
MATERIAL ~				Price Price: low to high
				Top Rated Most Viewed
				Biggest Saving ✓ Reviews Count
				New Arrivals Now in Wishlists Product Name
	Strike Endurance Tee	Deion Long-Sleeve	Logan HeatTec Tee	Aero Daily Fitness Tee
	★★★★★ 4 Reviews \$39.00	★★★★ <u>2 Reviews</u> \$39.00	★★★★★ 1Reviews \$24.00	* * * * * 3 reviews \$24.00
Powered by				
Reviews (2)		XS S M L XL		
Rhonda F. Verified Buyer * * * * * Cool Long-Sleeve I got this for running, I I just end up wearing i enough, just nothing s	out the fit is kind of funny so t for yard work. It's light pecial.			
Justin B. Verified Buyer ★★★★★ Nice and light. Nice and light. I like that	there's no obnoxious design.			

## Featured Products Block

Boost your most popular products to sell even better with 'Featured Products' block.





# [Premium] Configure the Shop by Brand module for Elastic Search Premium

Please note that this set of configurations is available out of the box for the **Elastic Search Premium** for Magento 2 only.

See the full guide on how to configure the Shop by Brand for Magento 2 extension here.

#### Alphabetical list of all brands

This is a frontend example of a page with an alphabetical list of all brands. Each name leads to the appropriate brand page.

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All Brands A	B C D E X Y Z #		JKL	M N O P	Q R S T
А		с		J	
Adidas (14)	And1 (2)	Canterbury (2)	CONVERSE COnverse (2)	Jordan (2)	
к		L		Ν	
Kappa (3)	Kookaburra (2)	LACOSTE Lacoste (4)	Lee Cooper (3)	New Balance	Nike (4)
Р		R		S	
PUMA.		Reebok 🛆	ROXY	SPALDING	speedo
Puma (2)		Reebok (6)	Roxy (1)	Spalding (2)	Speedo (2)

## Brand page example

Below you'll see a brand page with a short SEO-friendly URL and custom content.



**Brand Slider Example** - See the example of a brand slider added to the All Brands page.



Searching for a favorite brand? We do not tell anyone that you are a brandaholic. Enjoy fast, convenient and excellent browsing experience.



## **Brand tooltip**

**Display Tooltip** - Multi-select the directories, where you would like to display a tooltip with a brand info.

Possible variants to display:

- all-brands page
- product pages
- catalog pages (listing)

Tooltip example on Luma theme:



# Magento Commerce and the Multiple Wishlist extension compatibility

The Magento Commerce version of this extension provides some extra opportunities for the wishlist management in cooperation with the Magento 2 **Multiple Wishlist** extension.

Provide customers with the ability to choose the wishlist where to save the product, right from the autocomplete popup.

Welcome, Veronica Costello! ~ This is Blog Sign



## **Index Management**

To configure the indexing of your catalog, go to **System**  $\rightarrow$  **Tools**  $\rightarrow$  **Index Management** 

## Index Management

💄 demouser 🔻

13 records found

Indexer	Description	Mode	Status	Updated
Design Config Grid	Rebuild design config grid index	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:22 PM
Amasty: Landing Pages - Page - Product	Indexed page/product association	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:23 PM
Amasty: Landing Pages - Product - Page	Indexed product/page association	UPDATE ON SAVE	READY	Sep 14, 2018, 7:18:47 AM
Customer Grid	Rebuild Customer grid index	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:23 PM
Category Products	Indexed category/products association	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:24 PM
Product Categories	Indexed product/categories association	UPDATE ON SAVE	READY	Jul 25, 2018, 5:01:22 PM
Product Price	Index product prices	UPDATE ON SAVE	REINDEX REQUIRED	Feb 4, 2019, 3:19:30 PM
Product EAV	Index product EAV	UPDATE ON SAVE	REINDEX REQUIRED	Feb 4, 2019, 3:58:28 PM
Stock	Index stock	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:27 PM
Amasty: Advanced Search - Categories	Rebuild fulltext search index	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:27 PM
Catalog Search	Rebuild Catalog product fulltext search index	UPDATE ON SAVE	REINDEX REQUIRED	Feb 4, 2019, 3:58:28 PM
Catalog Rule Product	Indexed rule/product association	UPDATE ON SAVE	READY	Feb 4, 2019, 3:19:30 PM
Catalog Product Rule	Indexed product/rule association	UPDATE ON SAVE	READY	Jul 25, 2018, 5:01:33 PM

## **Cron Tasks List**

Magento 2 Elastic Search extension is preintegrated with Cron Tasks List to provide store owners with an opportunity to track and manage all cron tasks running in the website background.

To view all scheduled and executed cron tasks, go to System → Tools → Cron Schedule List

Run all cron tasks and generate their schedule by clicking the 'Run Cron' button. Also you can delete separate tasks in bulk, apply filtering and sorting options when it is needed.

2025/0	5/23 1	.2:02	85/92				Guide f	or Elasti	ic Search	for Ma	gento 2
Cro	n Ta	sks List							-		
										Run Cro	on
0	Last	Cron Activity: 20 seconds ago									
						<b>T</b> Filter	s 💿 Def	fault View	• 🔅	Column	s <b>v</b>
Actio	ons	▼ 652 reco	rds found			20	per page	<	1	of 33	>
V	ID	Job Code	Status †	Created At	Scheduled At		Executed At		Finished	At	
	1038	sales_grid_order_shipment	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	47:20 AM	Mar 18, 2	019 5:47:	20 AM
	1058	sales_grid_creditmemo_async	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	7:20 AM	Mar 18, 2	019 5:47:	20 AM
	1078	sales_send_order_emails	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	7:20 AM	Mar 18, 2	019 5:47:	20 AM
	1098	sales_order_invoice_emails	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	7:20 AM	Mar 18, 2	019 5:47:	20 AM
	1118	sales_send_order_shipment	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	47:20 AM	Mar 18, 2	019 5:47:	20 AM
	1196	indexer_reindex_all_invalid	SUCCESS	Mar 18, 2019 5:47:13 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	7:21 AM	Mar 18, 2	019 5:47:	21 AM
	1200	indexer_update_all_views	MISSED	Mar 18, 2019 5:47:13 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	7:21 AM	Mar 18, 2	019 5:47:	21 AM
	1018	sales_grid_order_invoice_async	SUCCESS	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:47:00 AM	Mar 18, 2019 5:4	17:20 AM	Mar 18, 2	019 5:47:	20 AM
	1024	sales_grid_order_invoice_async	PENDING	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:53:00 AM					
	1025	sales_grid_order_invoice_async	PENDING	Mar 18, 2019 5:47:11 AM	Mar 18, 2019	5:54:00 AM					

## **PWA for Elastic Search (Add-On)**

Provide shoppers with an outstanding cross-device experience by implementing a ready-made PWA solution to your store. Allow customers to smoothly search and guickly find what they need using the Elastic Search extension in a combination with the PWA add-on.

Please note that the PWA add-on will work correctly only if a PWA theme and the original Elastic Search extension for Magento 2 are installed to your store. Learn more on how to install PWA Studio here.

In order to correctly install a PWA add-on, please install the corresponding GraphQL system package first. For the correct name of it, please check the *composer.json file* of the main module. For example, the GraphQL system package name of the PWA add-on for the Blog Pro extension would be the following: amasty/blog-graphgl

```
{
    "name": "amasty/blog",
    "description": "Amasty Blog Pro",
    "require": {
       "php": ">=7.3.0",
       "amasty/base": ">=1.13.4",
       "amasty/email-unsubscribe": "*",
       "amasty/cron-schedule-list": "*",
       "magento/framework": ">=102.0.0",
       "magento/module-catalog": "*"
   },
    "suggest": {
         amastv/hlog
                          -builder"
                                     "Install
                                             bloc
                                                                                                            integration.",
        "amasty/blog-graphql": "Install blog-graphql module to activate Graphql and Blog Pro integration.",
                                                                                                               for Magento 2.4.0+ version.",
            isty/m
                                                                                          Blog Pro MFTF
        "amasty/module-blog-pro-to-builder": "Install Amasty_BlogProToBuilder module to activate the integration with Custom Reports Builder extens
   },
    "type": "magento2-module",
    "version": "2.10.4",
    "license": [
        "Commercial"
   1.
    "autoload": {
       "files": [
        "registration.php"
```

If the add-on is installed, the autocomplete popup of the Elastic Search extension will look on Venia the following way:

Please note that colors of the autocomplete popup on the screen below are customized through the feature 'Custom Layout' and it is not the default look.



This very PWA add-on does not support the following features of the original extension:

- ability to add searchbars via widget;
- show search results from the compatible to the original Elastic Search extensions: Blog Pro,

Shop by Brand, Landing Pages, FAQ & Product Questions.

Find out more about Magento PWA integration here.

## Frontend examples of the configured autocomplete popup

Enhance search results pop-up with additional sections. Display the 'Add to Cart' button and 'View All' link right in a search pop-up window.



Add handy search tabs to sort and easily navigate the results. Display related search terms in the search results to encourage users to search more.

Home > Search results for: 'hoodie nike'

# Search results for: 'hoodie nike'



Display the most popular and recent search results right on the first click by the customer.



The extension package contains MFTF tests aimed at quality and stability enhancement.

## Additional packages (provided in composer suggestions)

To make additional functionality available, please install the suggested packages you may need.

Available for Basic, Pro and Premium tariff plans with no additional fees:

• **amasty/module-elastic-search** - Install module-elastic-search-graphql module to activate Graphql and Elastic Search.

Available for Pro and Premium tariff plans with no additional fees:

- **amasty/module-meta-tags-to-elastic-search** Install meta-tags-to-elastic-search module to activate Amasty Meta Tags and Elastic Search compatibility.
- **amasty/module-elasticsearch-catalog-permissions** Install module-elasticsearchcatalog-permissions if you want elastic to work properly with Adobe Commerce Shared Catalogs.

Available as a part of an active product **subscription** or support subscription:

• **amasty/module-elastic-search-graphql** - Install amasty/module-elastic-search-graphql module to activate Graphql and Advanced Search integration.

For Basic, Pro and Premium versions:

- **amasty/module-xsearch-hyva-compatibility** Install this package to insure Autocomplite popup works with Hyva Theme.
- **amasty/module-search-rate-limiter** Install this package in order to use the DDos guard functionality.
- **amasty/module-advanced-search-subscription-functionality** Install this package to set up the exclusion of categories from display in the search popup, add the ability to filter reports by date using the From To functionality and search using the Product ID.
- **amasty/module-advanced-search-multi-store** Install this package for Multi-Store Search compatibility.

#### For **Pro and Premium** versions:

- amasty/module-elastic-search-hyva-compatibility Install this package to insure Elastic Search works with Hyva Theme.
- **amasty/module-elastic-search-pro-functionality** Install this package for Standard tokenizer compatibility.

#### For **Premium** version only:

amasty/module-improved-sorting-subscription-package - includes 3 packages:

1. **amasty/module-sorting-hyva-compatibility** - Install module-sorting-hyva-compatibility module to activate the integration with Hyva Theme.

2. **amasty/module-sorting-by-qty** - Install this package in order to use Product Salable Qty sorting.

3. **amasty/module-improved-sorting-subscription-functionality** - This package provides the possibility of sorting Bestsellers sales across multiple stores.

## FAQ

- Is it possible to install Elastic Engine on a separate server?
- How to translate the search popup created by Amasty Advanced Search?
- I face some issues with the Elastic Search extension. What should I check?
- How to configure search synonyms in Amasty Elastic Search?
- What's the difference between Match Modes AND/OR?
- Does the module support Elasticsearch version x.x?
- I'd like to sort the search results, is it possible?

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- What's the difference between Advanced Search and Elastic Search?
- I've installed the module, but now all catalog pages are empty. What should I do?
- I don't need the autocomplete popup, how do I disable it?
- Why I don't have settings on Match Mode, Wildcard and etc?
- How do I add SKU to the search autocomplete popup?
- On what basis do the results fall under the Popular Searches and Recent Searches?
- I'm running the website on Magento Cloud. Is the module compatible with Cloud instances?
- If I let a user session expire/tab stay open for a long time, then return and try searching, it fails with a consol error. How to fix?
- I've installed the module, but now it throws a warning: "Amasty Elastic is not working because "elasticsearch6" search engine is set in app/etc/env.php file".

Find out how to install the **Elastic Search** extension for Magento 2 via **Composer**.

From: https://amasty.com/docs/ - Amasty Extensions FAQ
Permanent link: https://amasty.com/docs/doku.php?id=magento\_2:elastic\_search
Last update: 2025/05/21 14:38