Elasticsearch Setup

Step 1: Install Docker Desktop

Your links are correct. Ensure Docker Desktop is installed and running.

- **Mac:** https://docs.docker.com/desktop/setup/install/mac-install/
- **Windows:** https://docs.docker.com/desktop/setup/install/windows-install/
- **Linux:** https://docs.docker.com/desktop/setup/install/linux/

Step 2: Pull the Image (Search & Download)

The "Search" bar in Docker Desktop sometimes only searches local images or limits results. The most reliable way to get the official image is to use the "Terminal" inside Docker Desktop or your computer command prompt (CMD/Terminal).

1. Open your **Terminal** or **Command Prompt**.
2. Run the following command to download the specific image:

Bash

```
docker pull docker.elastic.co/elasticsearch/elasticsearch:9.3.0
```

Step 3: Run and Configure (The GUI Method)

Once the download finishes, go back to the **Docker Desktop** interface:

1. Click on the **Images** tab on the left sidebar.
2. Find the image docker.elastic.co/elasticsearch/elasticsearch with the tag 9.3.0.
3. Click the **Run** (Play) button in the "Actions" column.
4. Expand the **Optional settings** dropdown.
5. **Configure Ports:**
   a. **Host port:** 9200
   b. **Container port:** 9200

6. **Configure Environment Variables (Crucial for disabling security):** You must add the following variables to bypass the password/SSL login and run in single-node mode. Click "Add Environment Variable" for each:

Variable	Value
xpack.security.enabled	false
discovery.type	single-node

Step 4: Verify Status

1. Wait about 30 seconds for the container to start.
2. Open your browser and go to: http://localhost:9200
3. You should see a JSON response similar to this:

```
name:                                        "e9ce7c4e66dd"
cluster_name:                                "docker-cluster"
cluster_uuid:                                "c_ud0lzaQeiUqL25yXWf9A"
version:
   number:                                   "9.3.0"
   build_flavor:                             "default"
   build_type:                               "docker"
   build_hash:                               "17b451d8979a29e31935fe1eb
   build_date:                               "2026-01-29T10:05:46.70839
   build_snapshot:                           false
   lucene_version:                           "10.3.2"
   minimum_wire_compatibility_version:       "8.19.0"
   minimum_index_compatibility_version:      "8.0.0"
tagline:                                     "You Know, for Search"
```