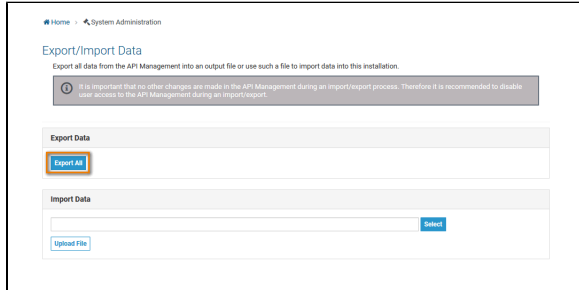


API Management Backup and Restore

Data Export

On page **Export/Import Data** administrators can export all data from the API Management into an output file. The export functionality is not a perfect backup solution, but more of a migration tool. The export contains only configuration data.

Use the **Export All** button to start the data export:



On this Page:

- [Data Export](#)
- [Backing up API Management Data](#)
 - [Database Backup](#)
- [Restoring API Management Data](#)
 - [Data Import](#)
 - [Restoring a Database Backup](#)

Related Documentation:

- [API Management Installation Guide](#)

Backing up API Management Data



As of PAS 21.1, this backup documentation is deprecated. Automatic backups are created for a **Scheer PAS** installation. Please contact the [Scheer PAS support](#) if you have further questions.

The steps below describe how to perform a simple API Management data backup on Linux. If you need a more sophisticated backup, consult the MySQL and Elasticsearch documentation.

Database Backup

The following steps describe how to take a data backup of API Management: MySQL and Elasticsearch. This backup does not contain:

- installation configurations (.env file)
 - certificates
1. **Backup** your **API Management data** as described on [API Management Backup and Restore](#), section Data Export.
 2. **Shut down** your API Management.
To do this, run the following command:

```
docker-compose down
```



The **docker-compose.yml** can be found in the following folder:

- **api-mgmt\single-host-setup**
- **api-mgmt**

3. **Backup** the **MySQL** database and **Elasticsearch**. To do this, use the following commands:

```
docker-compose run --no-deps --rm -v $(pwd):/backup --entrypoint  
'tar cvf /backup/mysql_data.tar /var/lib/mysql' mysql
```

```
docker-compose run -uroot --no-deps --rm -v $(pwd):/backup --  
entrypoint 'tar cvf /backup/es_data.tar /usr/share/elasticsearch  
/data' elasticsearch
```

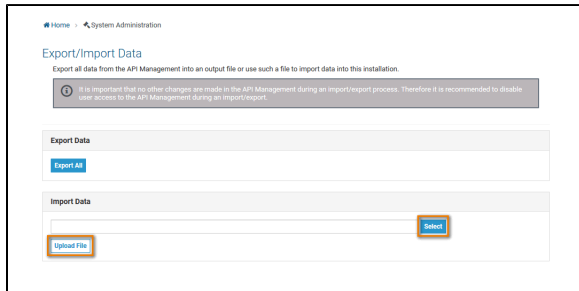
Move the backup files to a safe location.

4. **Rename** folder **api-mgmt** your API Management installation resides in to e.g. **api-mgmt _backup**. This backs up your current installation that will otherwise be overwritten by the update.

Restoring API Management Data

Data Import

On page **Export/Import Data** administrators can import [previously exported data](#) from file into this installation. Click **Select** to search your computer for an import file and start the import with the button **Upload File**:



When importing an API Management backup, note the following:

- Use a clean version of Elasticsearch.
- The previously existing gateways still have to be available. The same applies to ports and URLs. Otherwise, these settings must be manually changed in the exported JSON file.

Restoring a Database Backup

1. **Remove** the data containers and data volumes of your current installation.
To do this, run the following command:

```
docker-compose down -v
```

The rest of the API Management installation is kept.

2. **Load** your API Management **data backup**.
To do this, run the following commands:

```
docker-compose run -uroot --no-deps --rm -v $(pwd):/backup --  
entrypoint 'tar xvf /backup/es_data.tar -C /' elasticsearch  
docker-compose run -uroot --no-deps --rm -v $(pwd):/backup --  
entrypoint 'tar xvf /backup/mysql_data.tar -C /' mysql
```