
Find your SAP HANA 2.0, Express Edition Hardware Key and System ID, and Install the License Key

SAP HANA 2.0, express edition instances greater than 32GB require a license. Use this procedure to request and install a valid permanent license key.

Identify the Hardware Key and System ID (SAP HANA Studio)

If you are using the SAP HANA Studio eclipse plugin:

1. Start SAP HANA studio.
2. On the **Systems** tab, select your SAP HANA, express edition instance, for example: `SYSTEMDB@HXE (SYSTEM)`.
3. View properties for the instance you selected, for example: `SYSTEMDB@HXE (SYSTEM)`.
4. Select **License** properties. Open the **System License** tab.
5. Make a note of the Hardware Key and System ID values.

Identify the Hardware Key and System ID (HDBSQL)

If you are using HDBSQL:

1. Issue this command:

```
select * from M_LICENSES;
```

2. THE `HARDWARE_KEY` and `SYSTEM_ID` columns display the hardware and system ID of this SAP HANA 2.0, express edition instance. Make a note of the Hardware Key and System ID values.

Obtain your License Key

Get the license key from the SAP Store.

Input the License (SAP HANA Studio)

If you are using the SAP HANA Studio eclipse plugin:

1. In SAP HANA studio, view properties for your SAP HANA, express edition instance, for example:
SYSTEMDB@HXE (SYSTEM).
2. Select **License** properties. Open the **System License** tab.
3. Click **Delete License Key** to delete any existing licenses.
4. Click **Install License Key**.
5. Navigate to your license file and select it. After confirmation, the properties page refreshes with your new license information.

Input the License (HDBSQL)

If you are using HDBSQL:

1. Make a directory on your SAP HANA 2.0, express edition machine to store the license:

```
mkdir ~/license
```

This command makes the directory `/usr/sap/<SID>/home/license`. For example, if your SID is 'HXE', the directory is `/usr/sap/HXE/home/license`.

2. If you do not have an SCP client, please download and install one. There are several very good open source SCP clients available for Windows, Mac and Linux. Copy the file from your hard disk to the `/usr/sap/<SID>/home/license` directory.
3. Issue this command to install the license key:

```
% hdbsql -u SYSTEM -p <password> -d SystemDB -i <port> -m << EOF
SET SYSTEM LICENSE
'<license text goes here>';
EOF
```

i Note

Make sure the license text is surrounded by single quotation marks, and ends with a semicolon. For example:

```
'----- Begin SAP License -----
SAPSYSTEM=XXX
HARDWARE-KEY=XXXXXXXXXXXXX
INSTNO=XXXXXXXXXXXXX
BEGIN=XXXXXXXXXXXXX
EXPIRATION=XXXXXXXXXXXXX
LKEY=XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
SWPRODUCTNAME=XXXXXXXXXXXXXXXXXXXXX
SWPRODUCTLIMIT=XXXXXXXXXXXXX
SYSTEM-NR=XXXXXXXXXXXXXXXXXXXXX';
EOF
```

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4. Confirm that the license key was installed successfully:

```
hdbsql -u system -p <password> -d SystemDB "select hardware_key,  
expiration_date from m_licenses"
```