

# Setting Up the SIP Bridge

## Configuring SIP bridge

### Basic config

From the Installer's Integrations page, click "Install" under "SIP Bridge"

For the provided sipbridge.yml, please see the following documentation:

- ``postgres_create_in_cluster``: ``true`` to create the postgres db into the k8s cluster. On a standalone deployment, it is necessary to define the ``postgres_data_path``.
- ``postgres_fqdn``: The fqdn of the postgres server. If using ``postgres_create_in_cluster``, you can choose the name of the workload.
- ``postgres_data_path``: `"/mnt/data/sipbridge-postgres"`
- ``postgres_port``: 5432
- ``postgres_user``: The user to connect to the db.
- ``postgres_db``: The name of the db.
- ``postgres_password``: A password to connect to the db.
- ``port_type``: ``HostPort`` or ``NodePort`` depending on which kind of deployment you want to use. On standalone deployment, we advise you to use ``HostPort`` mode.
- ``port``: The port on which to configure the SIP protocol. On ``NodePort`` mode, it should be in kubernetes range:
- ``enable_tcp``: ``true`` to enable TCP SIP.
- ``pstn_gateway``: The hostname of the PSTN Gateway.
- ``external_address``: The external address of the SIP Bridge
- ``proxy``: The address of the SIP Proxy
- ``user_agent``: A user agent for the sip bridge.
- ``user_avatar``: An MXC url to the sip bridge avatar. Don't define it if you have not uploaded any avatar.
- ``encryption_key``: A 32 character long secret used for encryption. Generate this with ``pwgen 32 1``