

Questions:

1. Create an application and integrate sentry with it. Push error messages to the sentry

Steps -

1. Create sentry account

At sentry.io, create the account and get the keys.

2. Install sentry sdk and import it.

```
pip install sentry-sdk
```

3. Configure sentry using dsn string.

```
# settings.py
```

```
import sentry_sdk
```

```
sentry_sdk.init(
```

```
    dsn="https://00d278f2aaf1ad3d51d13be34ca48e60@o4507496686878720.ingest.us.sentry.io/4507496689303552",
```

```
    # Set traces_sample_rate to 1.0 to capture 100%  
    # of transactions for performance monitoring.
```

```
    traces_sample_rate=1.0,
```

```
    # Set profiles_sample_rate to 1.0 to profile 100%  
    # of sampled transactions.
```

```
    # We recommend adjusting this value in production.
```

```
    profiles_sample_rate=1.0,
```

```
)
```

4. Send error or exception message to sentry (with try and exception blocks in python.

```
Try:
```

```
    raise ValueError("This is a demo error.")
```

```
except Exception as e:
```

```
    sentry_sdk.capture_exception(e)
```

5. Verification

```
# urls.py
```

```
from django.urls import path
```

```
def trigger_error(request):
    division_by_zero = 1 / 0

urlpatterns = [
    path('sentry-debug/', trigger_error),
    # ...
]
```

2. Mention commands for updating a staging with a particular branch for a service

```
practl update st <stage_name> -p <branch_name>
```

3. Command for starting a staging

```
practl start staging <staging_name>
```

4. Create a staging with the services: Accounts, nav, Communicator, Ray-app, Ray-api, QMS, Store

The deployment of one product will fail, explain why the deployment has failed

NOT ACCESSIBLE