Инструкция по установке экземпляра программного обеспечения "Платформа «Единое Технологическое Решение»"

Введение

Данная инструкция предназначена для проведения экспертной проверки.

Установка и работа с модулем ETP_Mobile CORE

Для установки модуля ETP_Mobile CORE необходимо:

- 1. Загрузить установочный АРК-файл на мобильное устройство с операционной системой Android (не ниже версии Android 5.0);
- 2. Убедиться, что файл загружен полностью и не поврежден;
- 3. Убедиться, что на устройстве достаточно свободной памяти для установки;
- 4. Убедиться, что в настройках устройства разрешена установка приложений из сторонних источников через файловый менеджер;
- 5. Запустить загруженный файл в файловом менеджере;
- 6. В появившемся окне установщика ознакомиться с разрешениями, запрашиваемыми устанавливаемым приложением, и нажать "Установить";
- 7. Дождаться завершения процесса установки приложения;
- 8. В появившемся окне с уведомлением об успешной установке приложения нажать "Открыть" для запуска установленного приложения.

Установка и работа через REST API с демо флоу ETP

Программное обеспечение не предназначено для установки и эксплуатации на локальной инфраструктуре пользователя (за исключением модуля ETP_Mobile CORE). Оно функционирует в формате Platform as a Service (PaaS). Это означает, что вся установка, обслуживание, масштабирование и управление программным обеспечением осуществляется на стороне поставщика услуг, а пользователи получают доступ к функциональностям платформы через сеть интернет, используя предоставленные интерфейсы.

Таким образом, пользователю не нужно заботиться о технических аспектах развертывания, настройки серверов, обновлений программного обеспечения или управления инфраструктурой — всё это входит в компетенцию провайдера PaaS.

Авторизационные запросы направляются в модуль ETP CORE, который производит аутентификацию партнерского сервиса.

Проверку авторизации партнерского сервиса производит External API Gateway, который выполняет дальнейший роутинг запросов.

Все запросы в рамках обработки заявок от партнерских сервисов маршрутизируются в

модуль ETP_Partners CORE, который направляет запросы к другим модулям ETP через Internal API Gateway.

Postman

В качестве инструмента для отправки запросов используем Postman. В инструкции описывается работа с desktop версией, но можно аналогично работать и через web версию.

После установки Postman нужно зарегистрироваться/авторизоваться или продолжить без указания аккаунта.

Далее создаем запрос, для этого в левой панели нажимаем на кнопку New и появившемся модальном окне выбираем HTTP, как показано на скриншоте ниже.

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Чтобы выполнить REST API запрос, нужно указать значения:

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Значения заполняются в зависимости от того, какой запрос нужно выполнить. После заполнения всех нужных для запроса данных нажимается кнопка Send и результат выполнения запроса будет отображен ниже в блоке Response.

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Авторизация

Авторизация в приложении «платформа «Единое Технологическое Решение» осуществляется по Bearer token.

Для получения Bearer токена с ролью PARTNER, под которым будет доступна работа с демо-флоу, нужно выполнить POST запрос:

```
curl --location 'https://api.etr-demo.robo.finance/auth/partners' \
--header 'Content-Type: application/x-www-form-urlencoded' \
--data-urlencode 'grant_type=client_credentials' \
--data-urlencode 'client_id=demo' \
--data-urlencode 'client_secret=WBVljUezed0E8xZlAqR7bIwMONB0NTvl'
```

В ответ придет код 200 с JSON телом, что будет означать успешное подключение к платформе ЕТР. Пример ответа:

```
{
    "access_token": "***",
    "expires_in": 36000,
    "refresh_expires_in": 0,
    "token_type": "Bearer",
    "not-before-policy": 0,
    "scope": ""
```

}

где значение параметра access_token - и есть сам Bearer token, expires_in - время его жизни в секундах.

Пример того, как это выглядит в postman:

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