Canaries API

Endpoints

Auth

/auth/login : POST

- description: Log in and get access token
- request:
    - parameters:
        - username: `username`
        - password: `secret123`
- response:
    - http_code: 200
    - parameters:
        - body: `{`
        `'token': 'JWT_ACCESSTOKEN',`
        `'token_type': 'bearer',`
        `'expires': 3600,`
        `'uuid': 'uuidstring',`
        `'permissions': { admin:true, worker: false }`
        `}`
- response:
    - http_code: 404
    - parameters:
        - body: `{`
        `'code': 0,`
        `'message': 'User does not exist'`
        `}`
- response:
    - http_code: 403
    - parameters:
        - body: `{`
        `'code': 1,`
        `'message': 'Bad password'`
        `}`
- response:
    - http_code: 429
    - parameters:

- body: `{`
  ```
  'code': 2,
  'message': 'Login rate limit exceeded',
  'retry': 3600
  }
  ```

/auth/logout : GET

- decription: Log user out
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
- response:
  - http_code: 200

/auth/users : GET

- decription: Get all users
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - limit (optional): `10`
    - offset (optional): `100`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      ```
      'count': 10,
      'total': 2314,
      'users': [
          {
              'uuid': 'uuidstring1',
              'username': 'jozkomrkvicka',
              'permissions': { 'admin': true, 'worker': false }
          },
          {
              'uuid': 'uuidstring2',
              'username': 'peter',
              'permissions': { 'admin': false, 'worker': true }
          },
      ```

```
        ...
    ]
}
```

- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

/auth/users/{uuid} : GET

- decription: Get a particular user information
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - **{uuid}**: Public user identification string
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'uuid': 'uuidstring',`
      `'username': 'jozkomrkvicka',`
      `'permissions': { 'admin': false, 'worker': true, ... },`

```
'canaries': [ 'uuidstring1', 'uuidstring2', ... ]
}
```

- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`

- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`

- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

/auth/users : POST

- decription: Create a new user
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - username: `peter`
    - password: `heslo`
    - permissions: `{ 'admin': true, 'worker': false }`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'uuid': 'uuidstring',`
      `'username': 'peter',`
```

```
'permissions': { 'admin': true, 'worker': false, ... }
}
```

- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`
- response:
  - http_code: 409
  - parameters:
    - body: `{`
      `'code': 3,`
      `'message': 'User already exists'`
      `}`

/auth/users/{uuid} : PUT

- decription: Update a particular user
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - **{uuid}**: Public user identification string
    - username (optional): `peter`
    - password (optional): `heslo`

- permissions (optional): `{ 'worker': true }`
- response:
  - http_code: 200
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`
- response:
  - http_code: 404
  - parameters:
    - body: `{`
      `'code': 3,`
      `'message': 'User does not exist'`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 4,`
      `'message': 'Bad request'`
      `}`

/auth/users/{uuid} : DELETE

- decription: Delete a particular user
- request
    - parameters:
        - http_headers:
            - `Authentication: 'bearer JWT_ACCESSTOKEN'`
        - **{uuid}**: Public user identification string
- response:
    - http_code: 200
- response:
    - http_code: 400
    - parameters:
        - body: `{`
          `'code': 0,`
          `'message': 'Token not provided'`
          `}`
- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 1,`
          `'message': 'Unauthorized'`
          `}`
- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 2,`
          `'message': 'Token expired'`
          `}`
- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 2,`
          `'message': 'Token expired'`
          `}`

/auth/refresh_token : GET

- decription: Get new access token
- request

- parameters:
  - http_headers:
    - `Authentication: 'bearer JWT_ACCESSTOKEN'`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
    `'token': 'JWT_ACCESSTOKEN',`
    `'token_type': 'bearer',`
    `'expires': 3600,`
    `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
    `'code': 0,`
    `'message': 'Token not provided'`
    `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
    `'code': 1,`
    `'message': 'Unauthorized'`
    `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
    `'code': 2,`
    `'message': 'Token expired'`
    `}`

Domains

/domains : GET

- description: Prints all available canary domains
- request
  - parameters:
    - http_headers:

- - - Authentication: `'bearer JWT_ACCESSTOKEN'`
  - limit (optional): `10`
  - offset (optional): `100`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'count': 10,`
      `'total': 455,`
      `'domains': [`
          `{ 'uuid': 'uuidstring1', 'domain': 'domainname.tld' },`
          `{ 'uuid': 'uuidstring2', 'domain': 'another.tld' },`
      `...`
      `]`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

/domains : POST

- description: Add new domain
- request:
  - parameters:

- http_headers:
  - `Authentication: 'bearer JWT_ACCESSTOKEN'`
  - domain: `domena.sk`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'uuid': 'uuidstring',`
      `'domain': 'domena.sk'`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 3,`
      `'message': 'Invalid domain'`
      `}`
- response:
  - http_code: 409
  - parameters:

- body: `{`
  `'code': 4,`
  `'message': 'Domain already exists'`
  `}`

/domains/{uuid} : DELETE

- decription: Delete a domain
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - **{uuid}**: Canary domain uuid
- response:
  - http_code: 200
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

Monitored sites

/sites : GET

- description: Prints all monitored sites
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - limit (optional): `10`
    - offset (optional): `100`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'count': 10,`
      `'total': 234,`
      `'sites': [`
      `    { 'uuid': 'uuidstring1', 'site': 'facebook.com' },`
      `    { 'uuid': 'uuidstring2', 'site': 'azet.sk' },`
      `    ...`
      `]`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

/sites : POST

- description: Add new site
- request:
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - site: `bazos.sk`
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      `'uuid': 'uuidstring',`
      `'site': 'bazos.sk'`
      `}`
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      `'code': 2,`
      `'message': 'Token expired'`
      `}`

/sites/{uuid} : DELETE

- decription: Delete a site
- request

- - parameters:
    - - http_headers:
      - - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - - **{uuid}**: Monitored site uuid
- response:
  - http_code: 200
- response:
  - http_code: 400
  - parameters:
    - - body: `{`
        `'code': 0,`
        `'message': 'Token not provided'`
        `}`
- response:
  - http_code: 401
  - parameters:
    - - body: `{`
        `'code': 1,`
        `'message': 'Unauthorized'`
        `}`
- response:
  - http_code: 401
  - parameters:
    - - body: `{`
        `'code': 2,`
        `'message': 'Token expired'`
        `}`

Canary nodes

/canaries : GET

- description: Prints all canary nodes available to the user
- request
  - parameters:
    - - http_headers:
      - - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - - limit (optional): `10`
    - - offset (optional): `100`
- response:

- http_code: 200
- parameters:
    - body: {
      'count': 10,
      'total': 11456,
      'canaries': [
          {
              'uuid': 'uuidstring',
              'domain': 'uuidstring',
              'site': 'uuidstring',
              'assignee': 'uuidstring',
              'testing': false,
              'data': {
                  'username': 'milan.paradajka',
                  'password': 'hesielko123',
                  'name': 'Milan',
                  'surname': 'Paradajka',
                  'phone': '+412 123 456 789'
              }
          },
          ...
      ]
      }

- response:
    - http_code: 400
    - parameters:
        - body: {
          'code': 0,
          'message': 'Token not provided'
          }

- response:
    - http_code: 401
    - parameters:
        - body: {
          'code': 1,
          'message': 'Unauthorized'
          }

- response:
    - http_code: 401
    - parameters:
        - body: {
          'code': 2,

```
'message': 'Token expired'
}
```

/canaries/{uuid} : GET

- description: Prints information about a particular canary node
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - **{uuid}**: Canary node uuid
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      ```
      'uuid': 'uuidstring',
      'domain': 'uuidstring',
      'site': 'uuidstring',
      'assignee': 'uuidstring',
      'testing': false,
      'data': {
          'username': 'milan.paradajka',
          'password': 'hesielko123',
          'name': 'Milan',
          'surname': 'Paradajka',
          'phone': '+412 123 456 789',
          ...
      }
      }
      ```
- response:
  - http_code: 400
  - parameters:
    - body: `{`
      ```
      'code': 0,
      'message': 'Token not provided'
      }
      ```
- response:
  - http_code: 401
  - parameters:
    - body: `{`
      ```
      'code': 1,
      ```

```
'message': 'Unauthorized'
}
```

- response:
  - http_code: 401
  - parameters:
    - body: `{`
      ```
      'code': 2,
      'message': 'Token expired'
      }
      ```
- response:
  - http_code: 404
  - parameters:
    - body: `{`
      ```
      'code': 3,
      'message': 'Canary does not exist'
      }
      ```

/canaries/{uuid}/{parameter} : GET

- description: Generates fake information for the canary node registration process
- request
  - parameters:
    - http_headers:
      - `Authentication: 'bearer JWT_ACCESSTOKEN'`
    - **{uuid}**: Canary node uuid
    - **{parameter}**: Parameter name
      - **username**
      - **password**
      - **email**
      - **site**
      - **testing**
      - firstname
      - lastname
      - birthday
      - sex
      - address
      - phone
- response:
  - http_code: 200
  - parameters:
    - body: `{`
      ```
      'uuid': 'uuidstring',
      ```
```

```
    'domain': 'uuidstring',
    'site': 'uuidstring',
    'assignee': 'uuidstring',
    'testing': false,
    'data': {
        'username': 'milan.paradajka',
        'password': 'hesielko123',
        'name': 'Milan',
        'surname': 'Paradajka',
        'phone': '+412 123 456 789',
        'parameter': 'value',
        ...
    }
}
```

- response:
  - http_code: 400
  - parameters:
    - body: {
      'code': 0,
      'message': 'Token not provided'
      }
- response:
  - http_code: 401
  - parameters:
    - body: {
      'code': 1,
      'message': 'Unauthorized'
      }
- response:
  - http_code: 401
  - parameters:
    - body: {
      'code': 2,
      'message': 'Token expired'
      }
- response:
  - http_code: 404
  - parameters:
    - body: {
      'code': 3,
      'message': 'Canary node does not exist'
      }
- response:

- http_code: 400

- parameters:

  - body: `{`
    `'code': 4,`
    `'message': 'Unknown parameter'`
    `}`

/canaries : POST

- description: Create new canary nodes

- request:

  - parameters:

    - http_headers:

      - `Authentication: 'bearer JWT_ACCESSTOKEN'`

    - domain: `uuidstring`

    - site: `uuidstring`

    - testing: `false`

    - cout: `10`

- response:

  - http_code: 200

  - parameters:

    - body: `[`
      `{`
      `    'uuid': 'uuidstring',`
      `    'domain': 'uuidstring',`
      `    'site': 'uuidstring',`
      `    'assignee': 'uuidstring',`
      `    'testing': false,`
      `    'data': {`
      `        'username': 'milan.paradajka',`
      `        'password': 'hesielko123',`
      `    }`
      `},`
      `...`
      `]`

- response:

  - http_code: 400

  - parameters:

    - body: `{`
      `'code': 0,`
      `'message': 'Token not provided'`
      `}`

- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 1,`
          `'message': 'Unauthorized'`
          `}`
- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 2,`
          `'message': 'Token expired'`
          `}`
- response:
    - http_code: 400
    - parameters:
        - body: `{`
          `'code': 3,`
          `'message': 'Bad request'`
          `}`

/canaries/{uuid} : DELETE

- decription: Delete a canary node
- request
    - parameters:
        - http_headers:
            - `Authentication: 'bearer JWT_ACCESSTOKEN'`
        - **{uuid}**: Canary node uuid
- response:
    - http_code: 200
- response:
    - http_code: 400
    - parameters:
        - body: `{`
          `'code': 0,`
          `'message': 'Token not provided'`
          `}`
- response:
    - http_code: 401

- parameters:
    - body: `{`
      `'code': 1,`
      `'message': 'Unauthorized'`
      `}`
- response:
    - http_code: 401
    - parameters:
        - body: `{`
          `'code': 2,`
          `'message': 'Token expired'`
          `}`