UUM&DS PDP REST API 0.0.1   OAS3

This API is dedicated to the PDP Operation invocation for client UUM&DS applications

[Contact UUM&DS DIGIT Development team](#)

Server

https://ecas-host:7002/taxud/uumds/cas/uumds-pdp-ws

default   ⌄

GET   `/monitoring`   Returns the status of the PDP system.

This verifies the full status of the PDP and return its status for monitoring

Parameters	**Try it out**

No parameters

Responses

Code	Description	Links
200	*A JSON structure that contain the main PDP facts*	*No links*

application/json

Controls `Accept` header.

Example Value Model

```
{
  "status": "OK",
  "nbFailures": 2
}
```

Code	Description	Links
403	*Not enough rights*	*No links*
default	*Unexpected error*	*No links*

POST   `/decideAccessWithCertificate`   Verifies if a user has access to an application using a specific certificate.

Verifies if a user has access to an application using a specific certificate.

Parameters   Try it out

No parameters

Request body *required*   application/json

Access request object

Example Value   Model

```
{
  "x509cert": "string",
  "domain": "CUST",
  "subdomain": "BE",
  "application": "UUMDS-ADMIN-INT",
  "user": {
    "typeOfIdentifier": "EORI",
    "typeOfActor": "EMPL",
    "identifier": "BE102456789"
  },
  "delegator": {
    "typeOfIdentifier": "EORI",
    "typeOfActor": "EMPL",
    "identifier": "BE102456789"
  },
  "delegate": {
    "typeOfIdentifier": "EORI",
    "typeOfActor": "EMPL",
    "identifier": "BE102456789"
  }
}
```

Responses

Code	Description	Links
200	*The list of user attributes and permissions if access is granted.*	*No links*

application/json

Controls `Accept` header.

Example Value Model

```
{
  "decisionId": "string",
  "notAfter": "2017-07-21T17:32:28Z",
  "permissions": [
    "edit",
    "view",
    "delete"
  ],
  "delegation": "NO_DELEGATION",
  "delegationType": "D",
  "delegationScope": "string",
  "authenticationAttributes": {
    "typeOfPerson": [
      "NP"
    ],
    "firstname": [
      "John"
    ],
    "lastname": [
      "Smith"
    ],
    "email": [
      "firstmail@ec.europa.eu",
      "secondmail@ec.eutropa.eu"
    ]
  },
  "userAttributes": {
    "typeOfPerson": [
      "NP"
    ],
    "firstname": [
      "John"
    ],
    "lastname": [
      "Smith"
    ],
    "email": [
      "firstmail@ec.europa.eu",
      "secondmail@ec.eutropa.eu"
    ]
  },
  "delegatorAttributes": {
    "typeOfPerson": [
      "NP"
    ],
    "firstname": [
      "John"
    ],
    "lastname": [
```

Code	Description	Links

```
          "Smith"
        ],
        "email": [
          "firstmail@ec.europa.eu",
          "secondmail@ec.eutropa.eu"
        ]
      },
      "delegateAttributes": {
        "typeOfPerson": [
          "NP"
        ],
        "firstname": [
          "John"
        ],
        "lastname": [
          "Smith"
        ],
        "email": [
          "firstmail@ec.europa.eu",
          "secondmail@ec.eutropa.eu"
        ]
      }
    }
```

403

User has not access to this webservice

No links

404

User Access is denied with this certificate

No links

application/json

Example Value Model

```
{
  "id": "PDP-435435-46546546-324234",
  "message": "Certificate not registered in the system!",
  "type": "SECURITY_ERROR",
  "hint": "Certificate cannot be decoded",
  "component": "PDP"
}
```

Code	Description	Links
default	*Unexpected error*	*No links*

application/json

Example Value Model

```
{
  "id": "PDP-435435-46546546-324234",
  "message": "Certificate not registered in the system!",
  "type": "SECURITY_ERROR",
  "hint": "Certificate cannot be decoded",
  "component": "PDP"
}
```

Models ⌄

MonitoringStatus {

status	string *example: OK* The status of the helth of the PDP. Possible values can be OK and KO
nbFailures	integer *example: 2* The number of internal errors since reset

}

Error {

id	string *example: PDP-435435-46546546-324234* Unique error identifier generated by UUM&DS backend in order to correlate in logs
message	string *example: Certificate not registered in the system!* The error message if debug mode has been turned on
type	ErrorType string The type of error that occured: • SECURITY_ERROR - The error is related to a security issue • USER_ERROR - The error is related to an inapropriate use of the API • RUNTIME_ERROR - The error is related to a dysfuction at runtime • INTERNAL_ERROR - The error is an unexpected software failure

Enum:

    [SECURITY_ERROR, USER_ERROR, RUNTIME_ERROR, INTERNAL_ERROR]

hint   string
example: Certificate cannot be decoded
optional string providing hints to solve the error

component   string
example: PDP
Optional component information where the root cause of the error
has been raised

}

ErrorType   string

The type of error that occured:

- SECURITY_ERROR - The error is related to a security issue
- USER_ERROR - The error is related to an inapropriate use of the API
- RUNTIME_ERROR - The error is related to a dysfuction at runtime
- INTERNAL_ERROR - The error is an unexpected software failure

Enum:

    [SECURITY_ERROR, USER_ERROR, RUNTIME_ERROR, INTERNAL_ERROR]

AccessRequest   {

x509cert   string($byte)
The X.509 certificate in base 64

domain   string
example: CUST
the application domain of the application like

subdomain   string
example: BE
the subdomain of the user, usually the country-code

application   string
example: UUMDS-ADMIN-INT
the application id of the application to be accessed

user   **UserIdentity**   { ↵

    typeOfIdentifier   string
                              example: EORI
                              The type of identifier of the user
                              linked to the identifier, like VAT, EORI

    typeOfActor   string
                              example: EMPL
                              the user type of actor for which he
                              wants to act as

    identifier   string
                              example: BE102456789
                              The user identifier related to the type
                              of identifier

    }

delegator

UserIdentity   { ↵

    typeOfIdentifier   string
                                    example: EORI
                                    The type of identifier of the user
                                    linked to the identifier, like VAT, EORI

    typeOfActor   string
                                      example: EMPL
                                    the user type of actor for which he
                                    wants to act as

    identifier   string
                                      example: BE102456789
                                    The user identifier related to the type
                                    of identifier

}

delegate   **UserIdentity**   { ↵

    typeOfIdentifier   string
                                      example: EORI
                                    The type of identifier of the user
                                    linked to the identifier, like VAT, EORI

    typeOfActor   string
                                      example: EMPL
                                    the user type of actor for which he
                                    wants to act as

    identifier   string
                                      example: BE102456789
                                    The user identifier related to the type
                                    of identifier

}

}

AccessDecision   {

  decisionId   string
                      a unique identifier for this decision. It is used for access
                      tracking.

  notAfter   string($date-time)
                      example: 2017-07-21T17:32:28Z
                      validity of the assertion. This assertion cannot be used after
                      the given GMT date time

  permissions   [
                      example: List ["edit", "view", "delete"]
                      The list of application permissions granted by UUM&DS

                      string]
  delegation   DelegationInfo string
                      The level of delegation that is involved:

- NO_DELEGATION - No delegation is involved
- FIRST_LEVEL - First level delegation is involved
- SECOND_LEVEL - Second level delegation is involved

Enum:

   [NO_DELEGATION, FIRST_LEVEL, SECOND_LEVEL]

delegationType   DelegationType **string**

The type of delegation that is involved:

- D - Direct delegation is involved
- I - indirect level delegation is involved
- M - Mandate delegation is involved

Enum:

   [D, I, M]

delegationScope   **string**

the scope of the delegation. Default value is ALL, otherwise a free possible value

authenticationAttributes **Attributes**   { ↵

      description: *The list of user attributes values by attribute name*

      < * >:   [**string**

0 or more values

]

}

userAttributes   **Attributes**   { ↵

      description: *The list of user attributes values by attribute name*

      < * >:   [**string**

0 or more values

]

}

delegatorAttributes   **Attributes**   { ↵

      description: *The list of user attributes values by attribute name*

      < * >:   [**string**

0 or more values

]

}

delegateAttributes   **Attributes**   { ↵

      description: *The list of user attributes values by attribute name*

      < * >:   [**string**

0 or more values

]

}

}

UserIdentity   {

      typeOfIdentifier   string
                                example: EORI
                                The type of identifier of the user linked to the identifier, like
                                VAT, EORI

      typeOfActor   string
                                example: EMPL
                                the user type of actor for which he wants to act as

      identifier   string
                                example: BE102456789
                                The user identifier related to the type of identifier

}

Attributes   {

      description: *The list of user attributes values by attribute name*

      < * >:   [string
                                0 or more values

                                ]
}

DelegationInfo   string
The level of delegation that is involved:

   * NO_DELEGATION - No delegation is involved
   * FIRST_LEVEL - First level delegation is involved
   * SECOND_LEVEL - Second level delegation is involved

Enum:

   [NO_DELEGATION, FIRST_LEVEL, SECOND_LEVEL]

DelegationType   string
The type of delegation that is involved:

   * D - Direct delegation is involved
   * I - indirect level delegation is involved
   * M - Mandate delegation is involved

Enum:

   [D, I, M]