

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	<i>A JSON structure that contain the main PDP facts</i>	<i>No links</i>

`application/json`

Controls Accept header.

Example Value Model

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

Code	Description	Links
403	<i>Not enough rights</i>	<i>No links</i>
default	<i>Unexpected error</i>	<i>No links</i>

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	<i>The List of user attributes and permissions if access is granted.</i>	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
	<pre> "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"] } } </pre>	
403	<i>User has not access to this webservice</i>	<i>No links</i>
404	<i>User Access is denied with this certificate</i>	<i>No links</i>

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	<i>Unexpected error</i>	<i>No links</i>

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 occurred:
                  • SECURITY_ERROR - The error is related to a security issue
                  • USER_ERROR - The error is related to an inappropriate 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 occurred:

- SECURITY_ERROR - The error is related to a security issue
- USER_ERROR - The error is related to an inappropriate use of the API
- RUNTIME_ERROR - The error is related to a dysfunction 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

```

```

    }
    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

    delegation string]
               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 ]

```