

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	<div>A JSON structure that contain the main PDP facts</div> <div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Model</div><pre>{ "status": "OK", "nbFailures": 2}</pre></div>	No links

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>	No links
404	<i>User Access is denied with this certificate</i>	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	<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 occured:
                  

- 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

```

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

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]