

Identity Store / Benutzer "bk051766":

ORACLE Unified Directory Services Manager

Open Connections | Accessibility | Help | Reset Session

Directory Manager | Topology Manager

Directory Connections | Cloud-Prep x

Home | Data Browser | Advanced Search | Configuration | Schema | Security | Metrics

uid=bk051766 Refresh Apply Revert *Required

Distinguished Name uid=bk051766,ou=BK,ou=App,dc=bka,dc=bund,dc=de
Created by cn=Directory Manager Modified by cn=Directory Manager
Created at August 30, 2023 2:44:45 PM CEST Modified at September 13, 2023 11:16:38 AM CEST

User Page Attributes

User Details: Dieter Steding

Basic User Information

* Common Name Steding, Dieter User ID bk051766
User Name Dieter Steding Title
First Name Dieter Email dieter.steding@vm.oracle.com
* Last Name Steding Mobile
Initials

Organizational Information

Department Number DI41-2 Labeled URI User Password
Description Manager Select Secretary Select
Employee Number Organization BK See Also Select
Employee Type EMP Organization Unit DI-4

Contact Information

Additional User Information

Group Membership

Group DNs
cn=ODW_Test1,ou=OldcDemoWebanwendung,ou=Anwendungen,ou=Groups,dc=bka,dc=bund,dc=de
cn=OYW_Test2,ou=OldcDummyWebanwendung,ou=Anwendungen,ou=Groups,dc=bka,dc=bund,dc=de
cn=JEW_Test1,ou=JwExchangeWebService,ou=Anwendungen,ou=Groups,dc=bka,dc=bund,dc=de

OIDC-1 > OIDCDemoWebAnwendung für bk051766

number	name	special precondition	steps	expectation
OIDC-1	Tokenrequest with Auth-Code-Flow with groups	resource server is configured to have groups in access token	full auth code flow	- access token contains all user attributes - access token contains groups filtered for resource server

ResourceServer "OIDCDemoWebAnwendung" inkl Claim für Gruppen:

```
{
  "tokenAttributes": [
    {
      "attrName": "p20_uid",
      "attrValue": "$user.attr.policeidentifiername",
      "attrType": "STATIC"
    },
    {
      "attrName": "given_name",
      "attrValue": "$user.attr.givenname",
      "attrType": "STATIC"
    },
    {
      "attrName": "family_name",
      "attrValue": "$user.attr.sn",
      "attrType": "STATIC"
    },
    {
      "attrName": "email",
      "attrValue": "$user.attr.mail",

```

```

        "attrType": "STATIC"
    },
    {
        "attrName": "phone_number",
        "attrValue": "$user.attr.telephonenumber",
        "attrType": "STATIC"
    },
    {
        "attrName": "department_number",
        "attrValue": "$user.attr.departmentnumber",
        "attrType": "STATIC"
    },
    {
        "attrName": "idp",
        "attrValue": "$user.attr.o",
        "attrType": "STATIC"
    },
    {
        "attrName": "groups",
        "attrValue": "$user.groups",
        "attrType": "STATIC"
    }
],
"resServerType": "CUSTOM_RESOURCE_SERVER",
"resourceServerNameSpacePrefix": "OidcDemoWebanwendung.",
"name": "OidcDemoWebanwendung",
"description": "OidcDemoWebanwendung",
"audienceClaim": null,
"scopes": [
    {
        "scopeName": "Main",
        "description": "Main Scope"
    },
    {
        "scopeName": "DefaultScope",
        "description": "DefaultScope"
    }
],
"identityDomain": "OIDCFederationDomain",
"resourceServerId": "376af261-adeb-4c73-a47d-46a98495bea1"
}

```

Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDemoWebanwendung.Main&response_type=code&client_id=OidcDemoWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRCky9NwjxrIXJsV1IC8W0AINZuWxB8zA&state=&domain=OIDCFederationDomain

Access Token inkl gefilterten Gruppen gemäß ResourceServer:

Encoded

[illegible]Decoded EDIT THE PAYLOAD AND SECRET

```

HEADER: ALGORITHM & TOKEN TYPE
{
  "x5t": "h10ei0J05bsZXoNgcfCPKos88WI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}

PAYLOAD: DATA
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "groups": [
    "ODW_Test1"
  ],
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDemoWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDemoWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDemoWebanwendung",
  "phone_number": "23684",
  "exp": 1694601005,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694597405,
  "family_name": "Steding",
  "jti": "f4xIz_L_EgOgbRJDXGlc1g",
  "code_challenge":
"A5c1gPqiTupRcky9NwjxrIXJsV1IC8W0AINZuWxB8zA",
  "email": "dieter.steding@vm.oracle.com"
}

```

OIDC-2 > OIDCDummyWebAnwendung für bk051766

number	name	special precondition	steps	expectation
OIDC-2	Tokenrequest with Auth-Code-Flow without groups	resource server is configured to have groups not in access token	full auth code flow	<ul style="list-style-type: none"> - access token contains all user attributes - access token contains no groups claim

ResourceServer “OIDCDemoWebAnwendung” exkl Claim für Gruppen:

```
{
  "tokenAttributes": [
    {
      "attrName": "p20_uid",
      "attrValue": "$user.attr.policeidentifiername",
      "attrType": "STATIC"
    },
    {
      "attrName": "given_name",
      "attrValue": "$user.attr.givename",
      "attrType": "STATIC"
    },
    {
      "attrName": "family_name",
      "attrValue": "$user.attr.sn",
      "attrType": "STATIC"
    },
    {
      "attrName": "email",
      "attrValue": "$user.attr.mail",

```

```

        "attrType": "STATIC"
    },
    {
        "attrName": "phone_number",
        "attrValue": "$user.attr.telephonenumber",
        "attrType": "STATIC"
    },
    {
        "attrName": "department_number",
        "attrValue": "$user.attr.departmentnumber",
        "attrType": "STATIC"
    },
    {
        "attrName": "idp",
        "attrValue": "$user.attr.o",
        "attrType": "STATIC"
    }
],
"resServerType": "CUSTOM_RESOURCE_SERVER",
"resourceServerNameSpacePrefix": "OidcDummyWebanwendung.",
"name": "OidcDummyWebanwendung",
"description": "OidcDummyWebanwendung",
"audienceClaim": null,
"scopes": [
    {
        "scopeName": "Main",
        "description": "Main Scope"
    },
    {
        "scopeName": "DefaultScope",
        "description": "DefaultScope"
    }
],
"identityDomain": "OIDCFederationDomain",
"resourceServerId": "51b50d2f-c675-4b92-b071-7fb97c36178e"
}

```

Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDummyWebanwendung.Main&response_type=code&client_id=OidcDummyWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRCky9NwjxrIXJsVlIC8W0AINZuWxB8zA&state=&domain=OIDCFederationDomain

Access Token exkl Gruppen gemäß ResourceServer:

Encoded

eyJ4NXQwI0IjoMTBlaTBKTzVic1pYb05HY2ZDUE
tvczhCV0kiLCJraWQwI0IJSURDRmVXZjhdGlvb
kRvbWFPbiIsImFsZyI6IiJTMjU2In0.eyJzdWIi
OiJjazA1MTc2NiIsInAyaWF9IjEwQWQwI0IjULTM2LTA
tMjAtMTAxLWRRZdGVkaW5nIiwiaXNzIjoiaHR0cH
M6Ly9pYWQuaWFhcy5wc3AuZXh0cmFwb2wuZGU6N
DQzL29hdXR0MiIsImNvZGVfYy2hhbGxlbmdlX21l
dGhvZCI6IiMyNTYiLCJnaXZlb19uYW1lIjoiaRG1
ldGvYyIiwiZGVwYXJ0bWVudF9udW11ZXZiOiJEST
QzLTl1LCJhdH0iOiIsI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCJpZHA
iOiJCSyIsInNjb3B1IjpbIm9wZW5pZCI5Ik9pZG
NEDW1teVdlYmFud2VuZHVuZy5NYWluI10sImRvb
WFpb1I6Ik9JRENGZWRLcmF0aW9uRG9tYWluIiwi
Y2xpZW50IjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwicGhvbmVfbnVtYmVYIjoiaXNzI21kY0R1bW11SV2ViY5W5Z
W5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3Au
ZXh0cmFwb2wuZGU6NDQzL29hdXR0MiJldC

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "x5t": "h10ei0J05bsZXoNGcfCPkos8BWI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}
```

PAYLOAD: DATA

```
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDummyWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDummyWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDummyWebanwendung",
  "phone_number": "23684",
  "exp": 1694600239,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694596639,
  "family_name": "Steding",
  "jti": "MAHeDc3QgIUJEMTMZkb1Q",
  "code_challenge":
    "A5c1gPqiTupRcky9NwjxrIXJsV1IC8W0AINuXwB8zA",
  "email": "dieter.steding@vm.oracle.com"
}
```

OIDC-3 > Refresh OIDCDemoWebAnwendung für bk051766

number	name	special precondition	steps	expectation
OIDC-3	Tokenrequest with Refresh-Token with groups	resource server is configured to have groups in access token	token request with refresh token from OIDC-1	<ul style="list-style-type: none"> - access token contains all user attributes - access token contains groups filtered for resource server

Refresh Token basierend auf Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDemoWebanwendung.Main&response_type=code&client_id=OidcDemoWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRCky9NwjxrIXJsV1IC8W0AINZuWxB8zA&state=&domain=OIDCFederationDomain

Refresh Token Request:

Token refresh

Examples (0)

POST

(((baseURL))/oauth2/rest/token

Params

Send

Save

Authorization

Headers (3)

Body

Pre-request Script

Tests

Cookies

Code

TYPE

Basic Auth

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Preview Request

Username

OldcDemoWebanwendung

Password

Show Password

Body

Cookies (3)

Headers (9)

Test Results

Status: 200 OK

Time: 176 ms

Size: 1.63 KB

Pretty

Raw

Preview

JSON

Save Response

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

524

525

526

527

528

529

530

531

532

533

534

535

536

537

538

539

540

541

542

543

544

545

546

547

548

549

550

551

552

553

554

555

556

557

558

559

560

561

562

563

564

565

566

567

568

569

570

571

572

573

574

575

576

577

578

579

580

581

582

583

584

585

586

587

588

589

590

591

592

593

594

595

596

597

598

599

600

601

602

603

604

605

606

607

608

609

610

611

612

613

614

615

616

617

618

619

620

621

622

623

624

625

626

627

628

629

630

631

632

633

634

635

636

637

638

639

640

641

642

643

644

645

646

647

648

649

650

651

652

653

654

655

656

657

658

659

660

661

662

663

664

665

666

667

668

669

670

671

672

673

674

675

676

677

678

679

680

681

682

683

684

685

686

687

688

689

690

691

692

693

694

695

696

697

698

699

700

701

702

703

704

705

706

707

708

709

710

711

712

713

714

715

716

717

718

719

720

721

722

723

724

725

726

727

728

729

730

731

732

733

734

735

736

737

738

739

740

741

742

743

744

745

746

747

748

749

750

751

752

753

754

755

756

757

758

759

760

761

762

763

764

765

766

767

768

769

770

771

772

773

774

775

776

777

778

779

780

781

782

783

784

785

786

787

788

789

790

791

792

793

794

795

796

797

798

799

800

801

802

803

804

805

806

807

808

809

810

811

812

813

814

815

816

817

818

819

820

821

822

823

824

825

826

827

828

829

830

831

832

833

834

835

836

837

838

839

840

841

842

843

844

845

846

847

848

849

850

851

852

853

854

855

856

857

858

859

860

861

862

863

864

865

866

867

868

869

870

871

872

873

874

875

876

877

878

879

880

881

882

883

884

885

886

887

888

889

890

891

892

893

894

895

896

897

898

899

900

901

902

903

904

905

906

907

908

909

910

911

912

913

914

915

916

917

918

919

920

921

922

923

924

925

926

927

928

929

930

931

932

933

934

935

936

937

938

939

940

941

942

943

944

945

946

947

948

949

950

951

952

953

954

955

956

957

958

959

960

961

962

963

964

965

966

967

968

969

970

971

972

973

974

975

976

977

978

979

980

981

982

983

984

985

986

987

988

989

990

991

992

993

994

995

996

997

998

999

1000

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

334

335

336

337

338

339

340

341

342

343

344

345

346

347

348

349

350

351

352

353

354

355

356

357

358

359

360

361

362

363

364

365

366

367

368

369

370

371

372

373

374

375

376

377

378

379

380

381

382

383

384

385

386

387

388

389

390

391

392

393

394

395

396

397

398

399

400

401

402

403

404

405

406

407

408

409

410

411

412

413

414

415

416

417

418

419

420

421

422

423

424

425

426

427

428

429

430

431

432

433

434

435

436

437

438

439

440

441

442

443

444

445

446

447

448

449

450

451

452

453

454

455

456

457

458

459

460

461

462

463

464

465

466

467

468

469

470

471

472

473

474

475

476

477

478

479

480

481

482

483

484

485

486

487

488

489

490

491

492

493

494

495

496

497

498

499

500

501

502

503

504

505

506

507

508

509

510

511

512

513

514

515

516

517

518

519

520

521

522

523

number	name	special precondition	steps	expectation
OIDC-4	Tokenrequest with Refresh-Token without groups	resource server is configured to have groups not in access token	token request with refresh token from OIDC-2	<ul style="list-style-type: none"> - access token contains all user attributes - access token contains no groups claim

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDummyWebanwendung.Main&response_type=code&client_id=OidcDummyWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRcky9NwjxrIXJsV1IC8W0AINzuWxB8zA&state=&domain=OIDCFederationDomain

[illegible]

Access Token exkl Gruppen gemäß ResourceServer:

Encoded

eyJ4NXQ0i0JoMTBlaTBKTzVic1pYb05HY2ZDUET
vczhCV0kiLCJraWQ0i0JPSURDRmVKZXJhdGlvbG
RvbWFPbiIsImF5ZyY6IiJTMjU2In0.eyJzdWII0
iJiazA1Mtc2NiIsInAYmF91aWQ0i0JULTM2LTAt
MjAtMTAxLWRzdGVkaW5nIiwiaXNzIjoiaHR0cH
6Ly9pYWQuaWFhcy5wc3AuZXh0cmFwb2wuZGU6ND
QzL29hdXR0MiIsImdpdmVuX25hbWU0i0iEaWV0Z
XIiLCJkZXBhcnRtZW50X251bWJlc1I6IiKRJNDEt
MiIsImF1ZCI6WyJPaWRJRHVtbXlXZWJhbndlbnM
1bmciLCJodHRwczovL2lhZC5pYWZfLnBzcC51eH
RyYXBvbC5kZT0tNDMvb2F1dGgyIl0sImIkciCI6I
kJLIiwic2NvcGui01siT2lkY0R1bW15V2ViYW53
ZW5kdW5nLk1haW4iXSwiZG9tYWluIjoiT0lEQ0Z
LZGVyYXRpb25Eb21haW4iLCJjbGllbnQi0iJPaW
RjRHVtbXlXZWJhbndlbnM1bmciLCJwaG9uZV9ud
W1iZXIi0iIyMzY4NCIsImV4cCI6MTY5NDYwOTE5
NywiZ3JhbnQi0iJBVVVIT1JJWkFUSU90X0NPREU
iLCJpYXQ0i0jE2OTZyMDU0T0tsImZhbWlseV9uYW
1lIjo1U3RlZGluZyZlYSImP0aSI6Ii1qTXBVCvdXW
nJLNk1jRGZjZlZyZWYiLCJlbWFPbiCI6ImRpZXR1
ci5zZGVkaW5nQWZtLm9yYWNsZS5jZ20ifQ.C81F
8V2ybF98y0EkM-RjqcpgscP9d2nr-
oIPL_J4FnW0mMPLxZFKNAB55A_uEm0tYnhLj21p
MrS5iRIqb66UPaDrUX1ypTiBarT1cBlpx2TLRws
a1740YoF-j0wAcqVCRf-

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "x5t": "h10ei0J05bsZXoNGcfCPKos8BWI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}
```

PAYLOAD: DATA

```
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDummyWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "OidcDummyWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDummyWebanwendung",
  "phone_number": "23684",
  "exp": 1694609197,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694605597,
  "family_name": "Steding",
  "jti": "~jMpUqWqZrK6BzDfcm0V1Q",
  "email": "dieter.steding@vm.oracle.com"
}
```

OIDC-5 > UserProfile OIDCDemoWebAnwendung für bk051766

number	name	special precondition	steps	expectation
OIDC-5	Userprofile-Request with Access-Token from Auth-Code-Flow with groups	access token was created by auth code flow and contains groups	userprofile request with access token	groups filtered for resource server (identical to list in access token)

UserProfile basierend auf Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDemoWebanwendung.Main&response_type=code&client_id=OidcDemoWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRcky9NwjxrIXJsV1IC8W0AINzuWxB8zA&state=&domain=OIDCFederationDomain

UserProfile Request inkl Gruppen gemäß ResourceServer:

User Profile

Examples (0)

GET

{{(baseURL)}}/oauth2/rest/userprofile

Params

Send

Save

Authorization

Headers (3)

Body

Pre-request Script

Tests

Cookies

Code

KEY	VALUE	DESCRIPTION	***	Bulk Edit	Presets
Authorization	Bearer eyJ4NXQjOiJoMTBlaTBKTzVic1pYb05HY2ZDUeVtczhCV0kiLQjraW...				
<input type="checkbox"/> Content-Type	application/x-www-form-urlencoded				
<input checked="" type="checkbox"/> x-oauth-identity-domain-name	OIDCFederationDomain				
Key	Value	Description			

Body

Cookies (3)

Headers (9)

Test Results

Status: 200 OK

Time: 114 ms

Size: 426 B

Pretty

Raw

Preview

JSON

Save Response

```
1 {
2   "sub": "bk051766",
3   "groups": [
4     "OON_Test1"
5   ]
6 }
```

OIDC-6 > UserProfile JwtDummyWebService für bk051766

number	name	special precondition	steps	expectation
OIDC-6	Userprofile-Request with Access-Token from Auth-Code-Flow without groups	access token was created by auth code flow and contains no groups	user profil request with access token	groups filtered for resource server

UserProfile basierend auf Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+JwtDummyWebsevice.Main&response_type=code&client_id=JwtExchangingWebsevice&redirect_uri=http://localhost:8080/jwt-exchanging-websevice/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRCky9NwjxrIXJsV1IC8W0AINZuWxB8zA&state=&domain=OIDCFederationDomain

UserProfile Request exkl Gruppen:

User Profile

Examples (0)

GET

{{(baseURL)}}/oauth2/rest/userprofile

Params

Send

Save

Authorization

Headers (3)

Body

Pre-request Script

Tests

Cookies

Code

TYPE

Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Preview Request

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)

Token

eyJ4NXQjOiJoMTBlaTBKTzVic1pYb05HY2ZDUeVtczhCV0kiLQjraWQjPSURDRmVhZjhdGlbkRvbWpibGl...

Body

Cookies (3)

Headers (9)

Test Results

Status: 200 OK

Time: 36 ms

Size: 415 B

Pretty

Raw

Preview

JSON

Save Response

```
1 {
2   "sub": "bk051766",
3   "groups": []
4 }
```

OIDC-7 > TokenExchange OIDCDemoWebAnwendung auf JWTExchangingWebService für bk051766

number	name	special precondition	steps	expectation
OIDC-7	Token-Exchange from with groups to with groups	- subject access token contains groups - target resource server is configured to have groups in access token	token exchange with subject access token to scope of target resource server	- access token contains all user attributes - access token contains groups filtered for target resource server

ResourceServer "JWTExchangingWebService" inkl Claim für Gruppen:

```
{
  "tokenAttributes": [
    {
      "attrName": "TokenExchange_AllowedClientsForDelegation",
      "attrValue": "OidcDemoWebanwendung,OidcDummyWebanwendung",
      "attrType": "STATIC"
    },
    {
      "attrName": "TokenExchange_AllowedClientsForImpersonation",
      "attrValue": "OidcDemoWebanwendung,OidcDummyWebanwendung",
      "attrType": "STATIC"
    },
    {
      "attrName": "p20_uid",
      "attrValue": "$user.attr.policeidentifiername",
      "attrType": "STATIC"
    },
    {
      "attrName": "given_name",
      "attrValue": "$user.attr.givenname",
      "attrType": "STATIC"
    },
    {
      "attrName": "family_name",
      "attrValue": "$user.attr.sn",
      "attrType": "STATIC"
    },
    {
      "attrName": "email",
      "attrValue": "$user.attr.mail",
      "attrType": "STATIC"
    },
    {
      "attrName": "phone_number",
      "attrValue": "$user.attr.telephonenumber",
      "attrType": "STATIC"
    },
    {
      "attrName": "department_number",
      "attrValue": "$user.attr.departmentnumber",
      "attrType": "STATIC"
    },
    {
      "attrName": "idp",
      "attrValue": "$user.attr.o",
      "attrType": "STATIC"
    },
    {
      "attrName": "groups",
      "attrValue": "$user.groups",
      "attrType": "STATIC"
    }
  ],
  "resServerType": "CUSTOM_RESOURCE_SERVER",
  "resourceServerNamespacePrefix": "JwtExchangingWebservice.",
  "name": "JwtExchangingWebservice",
  "description": "JwtExchangingWebservice",
  "audienceClaim": null,
  "scopes": [
    {
      "scopeName": "Main",
      "description": "Main Scope"
    }
  ]
}
```

```
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "groups": [
    "ODW_Test1"
  ],
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDemoWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDemoWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDemoWebanwendung",
  "phone_number": "23684",
  "exp": 1694602766,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694599166,
  "family_name": "Steding",
  "jti": "H4KD11SENzfbK5ALYNIhYQ",
  "code_challenge": "A5c1gPqiTupRcky9NwjxrIXJv1IC8W0AINZuWxB8zA",
  "email": "dieter.steding@vm.oracle.com"
}
```

Delegate Request

Examples (0)

POST

(baseURL)/oauth2/rest/token/exchange

Params

Send

Save

Authorization

Headers (3)

Body

Pre-request Script

Tests

form-data

x-www-form-urlencoded

raw

binary

cookies

Code

KEY	VALUE	DESCRIPTION	*** Bulk Edit
<input checked="" type="checkbox"/> grant_type	TOKEN_EXCHANGE		
<input checked="" type="checkbox"/> subject_token_type	urn:ietf:params:oauth:token-type:jwt		
<input checked="" type="checkbox"/> subject_token	eyJ4NXQ/OiJoMTBlaTBKTzVlc1pYb05HY2ZDUeVtczhCV0kiLQraWQ/OiJP...		
<input checked="" type="checkbox"/> actor_token_type	urn:ietf:params:oauth:token-type:jwt		
<input checked="" type="checkbox"/> actor_token	eyJ4NXQ/OiJoMTBlaTBKTzVlc1pYb05HY2ZDUeVtczhCV0kiLQraWQ/OiJP...		
<input checked="" type="checkbox"/> scope	JwtExchangingWebservice.Main		
Key	Value	Description	

Body

Cookies (3)

Headers (9)

Test Results

Status: 200 OK Time: 440 ms Size: 1.63 KB

Pretty

Raw

Preview

JSON

Save Response

```

1 {
2   "access_token": "eyJ4NXQ/OiJoMTBlaTBKTzVlc1pYb05HY2ZDUeVtczhCV0kiLQraWQ/OiJP5UR0RmWkZXh0dG9kbWVhPpb1IsImFzY2I6IjTh3ZU2lnb0
    .eyJ2dWUiOiJ1a3s4MTZ2NiIsInAyaH91M1p1Q1U3LTh2LTAHSAHMTAKLWR2dGVkXSw5bn1iawXNzIjoaHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1IsImdyb3VwcyI6IyY7KRdVfV5Vz0EjXSw5L21212Z5fB
    mFzT5I61KRpZK1c1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1K9pZGHEZHVlV2V1VH53ZSkvd5SiIwVXVxIjpbKp3dE4V2hhbmdpbmdXZHVlZXZ1aW1iawHR0CH9iL9pYhQualFncySwc3AuZXh0cmFub2wuZG6NDQzL29hXDRoN1J0L3h3Q1Ons
    1c3V1Ij0YmswTH5THYV1f5wlc2Nvc2U0MT15Snd8RXXjwGfUz12uZ1d1YhN1cnZpY2UuTHFpb1J0dCJkb21haW40MT1PSUR0RmWkZXh0dG9kbWVhPpb1IsImtsaWVudFp2CIG1
```

Encoded	PASTE A TOKEN HERE
	eyJANXQiOiJoMTBlTBKTzVic1pYb05HY2ZDUEtcvzhCV0kiLCJraWQoiOjPSURDRmVkJXJhdGlvbkRvbWFpbiiIsImFzSyI6IlJTMjU2In0.eyJzdWIiOiJiaza1MTC2NiIsInAyMF9laWQoiOjJULTM2LTAzMjAtMTAxLRzdGVkaW5nIiwiaXNzIjoiaHR0cHM6Ly9pYWQuaWFhcys5wc3AuZXh0cmFwb2wuZGU6NDZlL29hdXRoMiIsImdyb3VwcyI6WyJKRVdfVGZvdDEiXSwiZj21ZW5fbmF7ZSI6IkRpZXRlciiIsImNsawWUdF9pZCI6Ik9pZGNEZW1vV2ViYW53ZW5kdW5nIiwiYXVxIjpjbIkp3dEV4Y2hhbmdbmdmXZWJzZXJ2aWNlIiwiaHR0cHM6Ly9pYWQuaWFhcys5wc3AuZXh0cmFwb2wuZGU6NDZlL29hdXRoMiJdLCJhY3QiOnsic3ViIjoiymswNTE3NjYifSwic2NvcGUio1siSnd0RXhjaGFuZ2luZ1dlYnNlcnZpY2UuTWFpbjJdLCJkb21haW4iOiJPSURDRmVkJXJhdGlvbkRvbWFpbiiIsImNsawWUdFI6Ik9pZGNEZW1vV2ViYW53ZW5kdW5nIiwicGhvbmVfbnVtYmVyIjoiyMjODQilCJleHAiOiE2OTQ2MDI4MTAsIm1ldCI6MTY5NU5DU50TIxMCwiZmFtaWx5X25hbWUiOiJlTdGVkaW5nIiwianRpIjoibzlyVmF5UlZtR0V6UlZzWjdHUV9RdyIsImVtYWlsIjoiyGlldGVyLnN0ZRwpbmdAdm0ub3JhY2xlLmNmbsSJ9.d0N-zUJA-F7SiNF56Xgl-hWDMpekdh-i-573y-CIOPeQ-TExrhAq25G-L-fzXvNpYVMxAIfCY7SssdPMbb58Cx DzUzRgVafg2k0rDxkPXSoV9IBYDUTGCd-bJV486qTZstuxKTmpe3QIPxqCG4YITb_VqQgIkVfd4zZhwcdevpWHf5IW5_NgGvw5Zmm_qTjPaC9s

number	name	special precondition	steps	expectation
OIDC-8	Token-Exchange from with groups to without groups	<ul style="list-style-type: none"> - subject access token contains groups - target resource server is configured to have no groups in access token 	token exchange with subject access token to scope of target resource server	<ul style="list-style-type: none"> - access token contains all user attributes - access token contains no groups claim

Access Token inkl gefilterten Gruppen gemäß ResourceServer:

eyJ4NXQ0iJoMTBlaTBKTzVic1pYb05HYZDUeT
vczhCV0kiLCJraWQ0iJPSURDRmVkZXJhdGlvbk
RvbWFpbjIsImFzSyI6IlJTMjU2In0.eyJzdWIiO
iJiazATMtc2NiIsInAqMF91aWQ0iJULTM2LTAt
MjAtMTAxLWRzdGVkaW5nIiwiaXNzZjoiaHR0CH
6Ly9pYWQuaWFhcy5wc3AuZXh0cmFwb2wuZGU6ND
Qzl29hdXR0MiIsImdyb3VwcyI6WyJPRdfvGVzd
DEiXSwiY29kZV9jaGFsbGVuZ2VfbWV0aG9kIjoi
UzI1NiIsImdpdmVuX25hbWUiOiJFaWV0ZXIiLCJ
kXBhcRntRZW50X251bWJlciI6IkRjNDdEtiMiIsIm
F1ZCI6WyJPaWRJRjGVtb1dlYmFud2VudHVuZysI
mh0dHbz0i8vaWfKLmlhYXMuchNwLmV4dHJhcG9S
LmRlOjQ0My9yYXVoDIIXSwiaXNzZjoikksilCJ
zyZ29wZSI6WyJvcGVuaWQ0iLCJPaWRJRjGVtb1dlYm
Fud2VudHVuZy5NYWluUl0sImRvbWFpbjI6Ik9JR
ENGZWRLcmF0aW9uRG9tYWluIiwiaXNzZ2xpZW50Ijoi
T2lkY0RlbW9XZXJhbndlbmR1bmciLCJwaG9uZV9
udW1iZXIiOiIyMzY4NCIsImV4cCI6MTY5NDYwMz
Q5MiwiaXZJbnQiOiJBVVVRIT1JJWkFUSU90X0NPR
EUiLCJpYXQ0iE2OTQ10Tk4OTIsImZhbmWlseV9u
YW1lIjoiU3RlZGluzYIsImpaSaSi6ImthbhHTVI
3bzlaaktzejhCVGg2cmciLCJjb2RlX2NoYWxsZW
5nZSI6Ike1YzfFuHFpVHVWUkNreTl0d2p4cklYS
nNWMULDOfcwQUlOWNVXeEI4ekEiLCJlbWFPbCI6
ImRpZXRLci5zdGVkaW5nQHZZLm9yYWNsZS5jb20
ifQ.PblPT8d4yVSsdK4KaPCGQ7p7WPslDRzEb6
ekfDn1B5tyoV-
KXMLBtkvh5tQt66awwQW_ccGbtopM9ctTCRRwyD
7390ziPmJIziu-
fQBjopa4MHbjJwm_490BjdYz5aaNaSF36yqiMI

```

HEADER: ALGORITHM & TOKEN TYPE

{
  "x5t": "h10ei0J05bsZXoNgcfCPKos88WI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}

PAYLOAD: DATA

{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "groups": [
    "ODW_Test1"
  ],
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDemoWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDemoWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDemoWebanwendung",
  "phone_number": "23684",
  "exp": 1694603492,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694599892,
  "family_name": "Steding",
  "jti": "kalxIMR7oZjKsz88Th6rg",
  "code_challenge":
"A5c1gPqiTUrCKy9NwjxRIXJsV1IC8W0AINZuWx88zA",
  "email": "dieter.steding@vm.oracle.com"
}

```

[illegible]

Encoded	PASTE A TOKEN HERE
<pre>"eyJ4NXQiOiJoMTBlTBkKTzVic1pYb05HY2ZDUEtvczhCV0kiLCJraWQioiJP SURDRmV kZXJhdGlvbkRvbWFpb iIsImF sZyI6IjJMTmJuU2InO eyJzdWIiOiJia zA1M Tc2NiIsInAyMF91aWQioiJULTM2LTA tMtAtMTAxLWR zdGVkaW5nIiwiaXNzIjoiaHR0cH M6Ly9pYWQuaWF Fcy5wc3AuZX h0cmFwb2wuZGU6NDQzL29hdXR oMiIsImdyb3VwcyI6W10sImdpdmVu X25hbWUiOiJ EaWV0ZXIiLCJjbGlbnRfaWQioiJ PaWRjRGVtb1dlYmFud2VuZHVuZyIsImF1ZCI6WyJKd3RE dW1teVdlYnNlcnZpY2UiLCJodHRwczovL2lhZC5pYW FfZl nBzcC5leHRY YXBv bC5kZTo0NDM v b2F1dGgyIl0sImFjdCI6eyJzdWIiOiJia zA1M Tc2NiJ9LCJzZ y29wZSI6WyJKd3RE dW1teVdlYnNlcnZpY2UuTW Fpb iJdCJkb21haW4iOiJPSURDRmVkZ XJhdGlvbkRvbWFpb iIsImNs aWVudCI6Ik9pZGNEZW1vV2ViYW53ZW5kdW5nIiwicGhybmVfbnVtYmV yIjo iM jM2ODQ iLCJleHAiOiE2OTQ2MDIx NzIsIm lhdCI6MTY5NDU0DU03MiwiZmFtaWx5X25hbWUiOiJ TdTdGVkaW5nIiwianRpIjoibDlzeEFyMFA4cXgzOWxlQlZlMUUZYyIsImVtYWlsIjo iZGll dGVyLnN0ZW RpbmdAdm0ub3JhY2x1LmNvbSJ9 .bB_q7j4rK8q1NJ eSrCvha0h0a0o o jTQ xZmy4hf2p0p7hSVd811oJtSj8EN_til4PTb3hwQQSAdqMuUCuEypClug22VgtcbyyEgRR O-CxN4Pmh1_o xYU1f1fk9t1ZGplmJBuQWx64r3QDpkKzvztZPeqDNLY_J_UCSxTc2z0KmuYnTS p6jupKC6tux7Z E-VGVXYXG L-MPNQ-7h6LMQhTZG7hFh4J</pre>	
Decoded	EDIT THE PAYLOAD AND SECRET
<pre> HEADER: ALGORITHM & TOKEN TYPE { "x5t": "h10ei0J05bsZXoNgcfCPKos8BW I", "kid": "OIDCFederationDomain", "alg": "RS256" } PAYLOAD: DATA { "sub": "bk051766", "p20_uid": "T-36-0-20-101-dsteding", "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2", "groups": [], "given_name": "Dieter", "client_id": "OidcDemoWebanwendung", "aud": ["JwtDummyWebservice", "https://iad.iaas.psp.extrapol.de:443/oauth2"], "act": { "sub": "bk051766" }, "scope": ["JwtDummyWebservice.Main"], "domain": "OIDCFederationDomain", "client": "OidcDemoWebanwendung", "phone_number": "23684", "exp": 1694602172, "iat": 1694598572, "family_name": "Steding", "jti": "19sxAr0P8qx39le8Ve1ITg", "email": "dieter.steding@vm.oracle.com" }</pre>	

number	name	special precondition	steps	expectation
OIDC-9	Token-Exchange from without groups to with groups	<ul style="list-style-type: none"> - subject access token contains no groups - target resource server is configured to have no groups in access token 	token exchange with subject access token to scope of target resource server	<ul style="list-style-type: none"> - access token contains all user attributes - access token contains groups filtered for target resource server

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDummyWebanwendung.Main&response_type=code&client_id=OidcDummyWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRcky9NwjxrIXJsV1IC8W0AINzuWxB8zA&state=&domain=OIDCFederationDomain

Encoded

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "x5t": "h10ei0J05bsZXoNgcfCPKos8BWI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}
```

PAYLOAD: DATA

```
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDummyWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDummyWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDummyWebanwendung",
  "phone_number": "23684",
  "exp": 1694680863,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694599463,
  "family_name": "Steding",
  "jti": "CvbMV1hhhs9xPD4NIe-TwA",
  "code_challenge":
"A5c1gPqiTupRcky9NwjxrIXJvs1ICW0AINzuXwB8zA",
  "email": "dieter.steding@vm.oracle.com"
}
```


Delete Request

POST {{baseURL}}/oauth2/rest/token/exchange Params Send Save

Authorization Headers Body Pre-request Script Tests Cookies Code

form-data x-www-form-urlencoded raw binary

KEY	VALUE	DESCRIPTION	*** Bulk Edit
grant_type	TOKEN_EXCHANGE		
subject_token_type	urnietf:params:oauth:token-type.jwt		
subject_token	eyJ4NXQwOiJ0MTBlaTBKTzVic1pYb0SHY2ZDUeTvczrCV0k1CjRlWQwOjP5...		
actor_token_type	urnietf:params:oauth:token-type.jwt		
actor_token	eyJ4NXQwOiJ0MTBlaTBKTzVic1pYb0SHY2ZDUeTvczrCV0k1CjRlWQwOjP5...		
scope	JwtExchangingWebservice.Main		
Key	Value	Description	

Body Cookies (3) Headers (9) Test Results Status: 200 OK Time: 186 ms Size: 1.63 KB

Pretty Raw Preview JSON

```

1 {
2   "access_token": "eyJ4NXQwOiJ0MTBlaTBKTzVic1pYb0SHY2ZDUeTvczrCV0k1CjRlWQwOjP5URDRmVxZjhdGibvkrvbHpbIis1ImFsZy6113THjU2ln0...
3   "token_type": "Bearer",
4   "expires_in": 3600,
5   "scope": "JwtExchangingWebservice.Main"
6 }
    
```

[illegible]

OIDC-10 > TokenExchange OIDCDummyWebAnwendung auf JWTDummyWebService für bk051766

number	name	special precondition	steps	expectation
OIDC-10	Token-Exchange from without groups to without groups	- subject access token contains no groups - target resource server is configured to have groups in access token	token exchange with subject access token to scope of target resource server	- access token contains all user attributes - access token contains no groups claim

ResourceServer "JWTDummyWebService" exkl Claim für Gruppen:

```
{
  "tokenAttributes": [
    {
      "attrName": "TokenExchange_AllowedClientsForDelegation",
      "attrValue": "OidcDemoWebanwendung,OidcDummyWebanwendung,JwtExchangingWebservice",
      "attrType": "STATIC"
    },
    {
      "attrName": "TokenExchange_AllowedClientsForImpersonation",
      "attrValue": "OidcDemoWebanwendung,OidcDummyWebanwendung,JwtExchangingWebservice",
      "attrType": "STATIC"
    },
    {
      "attrName": "p20_uid",
      "attrValue": "$user.attr.policeidentifiername",
      "attrType": "STATIC"
    },
    {
      "attrName": "given_name",
      "attrValue": "$user.attr.givenname",
      "attrType": "STATIC"
    },
    {
      "attrName": "family_name",
      "attrValue": "$user.attr.sn",
      "attrType": "STATIC"
    },
    {
      "attrName": "email",
      "attrValue": "$user.attr.mail",
      "attrType": "STATIC"
    },
    {
      "attrName": "phone_number",
      "attrValue": "$user.attr.telephonenumber",
      "attrType": "STATIC"
    },
    {
      "attrName": "department_number",
      "attrValue": "$user.attr.departmentnumber",
      "attrType": "STATIC"
    },
    {
      "attrName": "idp",
      "attrValue": "$user.attr.o",
      "attrType": "STATIC"
    }
  ],
  "resServerType": "CUSTOM_RESOURCE_SERVER",
  "resourceServerNameSpacePrefix": "JwtDummyWebservice.",
  "name": "JwtDummyWebservice",
  "description": "JwtDummyWebservice",
  "audienceClaim": null,
  "scopes": [
    {
      "scopeName": "Main",
      "description": "Main Scope"
    },
    {
      "scopeName": "DefaultScope",
```

```

        "description": "DefaultScope"
    }
],
"identityDomain": "OIDCFederationDomain",
"resourceServerId": "e57e8399-705d-4fe0-b5e7-779b1efe71a1"
}

```

Access Token Request:

https://iad.iaas.psp.extrapol.de/oidc?scope=openid+OidcDummyWebanwendung.Main&response_type=code&client_id=OidcDummyWebanwendung&redirect_uri=http://localhost:8080/oidc-config-test/redirect&code_challenge_method=S256&code_challenge=A5clgPqiTupRky9NwjxrIXJsV1IC8W0AINZuWxB8zA&state=&domain=OIDCFederationDomain

Access Token Request exkl Gruppen gemäß ResourceServer:

Encoded

eyJ4NXQ0i0iJoMTBlaTBKTzVic1pYb05HYZDUUET
 vczhCV0kiLCJraWQ0i0iJPSURDRmVkJXJhdGlybW
 RvbWFPbiIsImFsZyI6IlJTMjU2In0.eyJzdWII0i
 iJiazA1MTc2NiIsInAeYmF91aWQ0i0iJULTM2LTAt
 MjAtMTAxLWRzdGVkaW5nIiwiaXNzIjoiaHR0cHM
 6Ly9pYWQuaWFhcy5wc3AuZXh0cmFwb2wuZGU6ND
 QzL29hdXR0MiIsImNvZGVfYy2hhbGxlbmdlX211d
 GhvZCI6IlmYNTYiLCJnaXZlbi9uYW11IjoiaRG1l
 dGVyIiwiZGVWYXJ0bWVudF9udW1iZXIi0iJESTQ
 xLTIiLCJhdWQ0i0isi21kY0R1bW15V2ViYW53ZW
 5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZ
 Xh0cmFwb2wuZGU6NDQzL29hdXR0MiJldCk3PzHAi
 0iJCSyIsInNjb3B1IjpbIm9wZW5pZCIsIkt9pZGN
 EdW1teVdlYmFud2VuZHVuZy5NYW1uIl0siImRvbW
 FbiI6Ik9JRENGZWRLcmF0aW9uRG9tYW1uIiwiY
 2xpZW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiLCJhbmVfbi9uYW1uIjoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW53ZW5kdW5n
 IiwiaHR0cHM6Ly9pYWQuaWFhcy5wc3AuZl0iJEST
 Q2MDgzMjIsImdyYW50Ijoia21kY0R1bW15V2Vi
 YW53ZW5kdW5nIiwiaHR0cHM6Ly9pYWQuaWFhcy5
 wc3AuZl0iJESTQ2MDgzMjIsImdyYW50Ijoia21k
 Y0R1bW15V2ViYW53ZW5kdW5nIiwiaHR0cHM6Ly
 9pYWQuaWFhcy5wc3AuZl0iJESTQ2MDgzMjIsIm
 dyYW50Ijoia21kY0R1bW15V2ViYW

Decoded EDIT THE PAYLOAD AND SECRET

HEADER: ALGORITHM & TOKEN TYPE

```
{
  "x5t": "h10ei0J05bsZXoNGcfCPKos8BWI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}
```

PAYLOAD: DATA

```
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDummyWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDummyWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDummyWebanwendung",
  "phone_number": "23684",
  "exp": 1694608322,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694604722,
  "family_name": "Steding",
  "jti": "jszAqll5zcKog0gs_TZeyA",
  "code_challenge":
"A5c1gPqiTupRcky9NwjxrIXJsv1IC8W0AINZuwxB8z",
  "email": "dieter.steding@vm.oracle.com"
}
```

Token Exchange Request:

[illegible]

Access Token Request exkl Gruppen gemäß ResourceServer:

Encoded

[illegible]

Decoded EDIT THE PAYLOAD AND SECRET

```

HEADER: ALGORITHM & TOKEN TYPE
{
  "x5t": "h10ei0J05bsZXoNgcfCPKos88WI",
  "kid": "OIDCFederationDomain",
  "alg": "RS256"
}

PAYLOAD: DATA
{
  "sub": "bk051766",
  "p20_uid": "T-36-0-20-101-dsteding",
  "iss": "https://iad.iaas.psp.extrapol.de:443/oauth2",
  "code_challenge_method": "S256",
  "given_name": "Dieter",
  "department_number": "DI41-2",
  "aud": [
    "OidcDummyWebanwendung",
    "https://iad.iaas.psp.extrapol.de:443/oauth2"
  ],
  "idp": "BK",
  "scope": [
    "openid",
    "OidcDummyWebanwendung.Main"
  ],
  "domain": "OIDCFederationDomain",
  "client": "OidcDummyWebanwendung",
  "phone_number": "23684",
  "exp": 1694619370,
  "grant": "AUTHORIZATION_CODE",
  "iat": 1694615770,
  "family_name": "Steding",
  "jti": "w1kQqE-wp6jIvot4YjVqjQ",
  "code_challenge":
    "ASc1gPqiTupRcky9NwjxrIXJvsY1C8W0AINZuWxB8zA",
  "email": "dieter.steding@vm.oracle.com"
}

```

OIDC-11 > UserProfile nach Token Exchange

OIDCDummyWebAnwendung auf JWTExchangingWebService für bk051766

number	name	special precondition	steps	expectation
OIDC-11	Userprofile-Request with Access-Token from Token-Exchange with groups	access token was created by token exchange and contains groups	user profil request with access token	groups filtered for resource server

UserProfile Request inkl Gruppen:

► User Profile Examples (0)

GET `{{baseURL}}/oauth2/rest/userprofile` Params Send Save

Authorization Headers (3) Body Pre-request Script Tests Cookies Code

TYPE: Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Preview Request

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)

Token: `eyJ4NXQlOiJoaMTBlaTBKTzVic1pYb05HY2ZDUeVvczhCV0kiLCJraWQiOiJPSURDRmVhZjhdGibkRvbWVpbiIsI...`

Body Cookies (3) Headers (9) Test Results Status: 200 OK Time: 76 ms Size: 426 B

Pretty Raw Preview JSON Save Response

```
1 {
2   "sub": "bk051766",
3   "groups": [
4     "JEW_Test1"
5   ]
6 }
```

OIDC-12 > UserProfile nach Token Exchange

OIDCDemoWebAnwendung auf JWTDummyWebService für bk051766

number	name	special precondition	steps	expectation
OIDC-12	Userprofile-Request with Access-Token from Token-Exchange without groups	access token was created by token exchange and contains no groups	user profil request with access token	groups filtered for resource server

UserProfile Request exkl Gruppen:

► User Profile Examples (0)

GET `{{baseURL}}/oauth2/rest/userprofile` Params Send Save

Authorization Headers (3) Body Pre-request Script Tests Cookies Code

TYPE: Bearer Token

The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)

Preview Request

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. [Learn more about variables](#)

Token: `eyJ4NXQlOiJoaMTBlaTBKTzVic1pYb05HY2ZDUeVvczhCV0kiLCJraWQiOiJPSURDRmVhZjhdGibkRvbWVpbiIsI...`

Body Cookies (3) Headers (9) Test Results Status: 200 OK Time: 50 ms Size: 415 B

Pretty Raw Preview JSON Save Response

```
1 {
2   "sub": "bk051766",
3   "groups": []
4 }
```