

Password Reset per email

This how-to shows how to trigger a password reset URL to an existing user.

There are two rest calls involved.

Special thanks to marek.detko@forgerock.com for the input.

Step-by-step guide

1. Call the selfservice/reset endpoint anonymous to get a pwd reset token:

```
curl -X POST \
  'https://localhost:8443/openidm/selfservice/reset?action=submitRequirements' \
  -H 'Content-Type: application/json' \
  -H 'X-OpenIDM-Password: anonymous' \
  -H 'X-OpenIDM-Username: anonymous' \
  -d '{"input":{}}'
```

This will return:

```
{
  "type": "userQuery",
  "tag": "initial",
  "requirements": {
    "$schema": "http://json-schema.org/draft-04/schema#",
    "description": "Find your account",
    "type": "object",
    "required": [
      "queryFilter"
    ],
    "properties": {
      "queryFilter": {
        "description": "filter string to find account",
        "type": "string"
      }
    }
  },
  "token": "eyJ0eXAiOiJKV1QiLCJhdHkiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.
ZXlKMGVyQWlPaUpLVjFRaUxDSmxiBU1pT2lKQk1USTRRMepETFVoVlqVTJJaXdpWVd4bk1qb2lVbE5CTVY4MUlUMC5UZEI5OXUzZEdiMEFoOHRZWVhVhc
1BEMVVTdUNkVWpyUjdBamZSLUxJQXFlwjdVVRqeu5pSXVucGhlU0Q4SUhWrmJHZy04N3NRNkV1NGR0bkNlbnBhJmVETzZDNJZWh0MkF2ZURobjAtZT14SF
NUSFRvMVhGbgGdMZUdIXzAtX3JySEh6TlFHUWp2QmlDTWJFOHE2MGpYTFU1VUhmRnFFQmR0Q3dMc2VLQjNFmnl0dk9tNmR6REwtX2V0eGJzZmRXQ3ZrcXd
nb3RVdmk4bW51m2l1dl1YbURlcnIxS2l1STFBLWlWNG8xRja5eXF3YU15NEFTQ0QzMDdtbTdna0h5eUgyY2NRd2hhcHJrbERjR2VJZXXJMR2ZMbgkybVZL
dm5YTzVMQXhRYVpqVG9qNkdHScV2FvNUZUZURrYk55SElFZk5WdENieW93a2JtdjFaam02VWVWUmcucWNaFZHVlBSZnJhdHVvdTRMOC02QS5vTnFYe
m1DUWtCQnVxbGR5eJJaOTBmak9ERFI5YnNYaXUxYU4zUno1TVZBTS1Fc1YycnpqNeh5c0URYeF90ZXdyNVVEYVdmdGhCc3lSUEhFOU1qdXlXNFJtaXFmVU
xuRmVhVGRUUVJLSmVEdkdxRVlJbGpVtXJHcXoxbFczRFlBa1pRczIxdVE4SkkyalhtZURVCMETjdG1zbFlGcWFQs3R2RjR0RjZvcTk5LTQub1dWOUJ5c2F
aLXI2bWNYXN4bHVLZw.roxkNyCuyghayW_Gw8PImdOHNDLhK0IxX6QI2AHNC"
}
```

1. The second call with token and user query will send the password reset email to the user:

The call will return

```
curl -X POST \
  'https://localhost:8443/openidm/selfservice/reset?action=submitRequirements' \
  -H 'Content-Type: application/json' \
  -H 'X-OpenIDM-Password: anonymous' \
  -H 'X-OpenIDM-Username: anonymous' \
  -d '{"token": "eyJ0eXAiOiJKV1QiLCJhdHkiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.
ZXlKMGVyQWlPaUpLVjFRaUxDSmxiBU1pT2lKQk1USTRRMepETFVoVlqVTJJaXdpWVd4bk1qb2lVbE5CTVY4MUlUMC5RdlhfdUElSmxYVzglagZxrj15V
EhSTFh1VlJ3MmN2cGdQZjlYRwT0XlJFd2JheS1zSnpMRzFFOGFtNnU2SkkxcWJ5b0NNNmhdEh1UlhqOFV6RkhCdEdZeXZWWDU5QWIyQ3dmNmRkc1hKRW
RIelppRzdsQzNvS1l6RDY4SmYUUVd2Nlhq1M2SEpLUmdCYk1payl1NngwenYzMVVfUkw3LU4zZ2ZkdTJHahfScGN4ZW1lVWZCZw0VDNEQ2VzNVF0TF1
UTnRjCfLMTXVvS3RBYUF6WFFlaUJOMWpLeC05UDDvdDF1NHNwRmlQUU1RTz2M2VWh5YVFNaVNi1poSmladEh6OEY3d0Z2MzNTU24yMEZ0dFh5NkFZdkd
amt4X2tFm1JwZ2M1OFhJN1lyRTNMcXB6VGF6cEE5Uk0xZl1jcjB2WGxRRF20UDVDZ3d4U0RoZTFaUXcuZ2l0ZkE3VVMzeFVjVzV2RDRSUDRZdy5ZbnB3b
HpZQW9kNWVqSedzV1VDQW9WdnVHYXM0R2F6czBkMEpoYXRyRmRvdjNleUxtTwtSHptMVVRWm1TRVNP3d5NW9sODF1VUQzSlRXUFdmQWxSTGNKOFB5Mn
lyVVFTHdJNTc3U1l1jTgttZ1ozOUxoTFc3SU5iSFJENzF1RTBKLvNqNmtZU3QzZy1ZcHhIR2dhMUNWmndKRENYdXo1RkZ5VmwzZWFGLTZkbbkdl0VSQXd
SeWlWUk1TakrRXzVBN19RQzZVYU1fchdfZnppdl1fQjRSTWZtc2JmU2wtVzQwSxdrTXvtLURSY05MdDJoMXVCY3R1amJwUnpKTURDZwPws2hUdWpRWDra
OVNZUVE5Y1BNdkJnRFA2YXpBbnJ6UUJ5eUFESUuWafleGhyaGFORHJzSENSOXo4QWQyUTBnLWUzNWVYSGY1NW1BcVZhuVB5WXR1NXNvNEU5W1RoTnNnU
XRLdGJ2Q2suOfdaMklNeGVKSV9NTFRtOXhwZDZkZw.MEDsU__vtK91VtftD3x1VTqPJanOkmd_nY2byzHhSyU", "input": {"queryFilter": "
userName eq \"hnanoln\"}}'
```

This will return:

```

{
  "type": "emailValidation",
  "tag": "validateCode",
  "requirements": {
    "$schema": "http://json-schema.org/draft-04/schema#",
    "description": "Verify emailed code",
    "type": "object",
    "required": [
      "code"
    ],
    "properties": {
      "code": {
        "description": "Enter code emailed",
        "type": "string"
      }
    }
  },
  "token": "eyJ0eXAiOiJKV1QiLCJpdHkiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.
ZXlKMGVYQWlPaUpLVjFRaUxDSmxibUlpT2lKQk1USTRMEpETFVoVlqVtVJJaXdpWVd4bk1qb2lVbE5CTVY4MUluMC5RdlhfdUElSmxYVzglagZxRj15V
EhSTFh1VlJ3MmN2cGdQZjlyRWt0XlJFd2JheS1zSnpMRzFFOGFtNnU2SkkxcWJ5b0NNNmhhEh1UlhgOFV6RkhCdEdZeXZWWDU5QWIyQ3dmNmRKclhKRW
RIelppRzdsQzNvS1l6RDY4SmYUUVd2NlhhQlM2SEpLUmdCYk1paylLNngwenYzMVVUk3LU4zZ2ZkdTJHaHFScGN4ZW1LVWZCZWdOVdNEQ2VzNVF0TF1
UTnRjCFlMTXVvS3RBYUF6WFFFlaUJOMWpLeC05UddvdDFlnHNwRmlQUU1RTzZm2VWh5YVFNaVNi1poSm1adEh6OEY3d0Z2MzNTU24yMEZ0dFh5NkFzdkdD
amt4X2tFm1JwZ2MlOFhJN1lyRTNMcXB6VGF6cEE5Uk0xZ11jcjB2WGxRRFZ0UDVDZ3d4U0RoZTFaUXcuZ2loZkE3VVMzeFVjVzV2RDRSUDRZdy5ZbnB3b
HpZQW9knWVqSEdzV1VDQW9WdnVHYXM0R2F6czBkMEpoYXRYRmRvZjNleUxtTWtSHptMVVRWm1TRVNP3d5NW9sODF1VUQzSlRXUFdmQWxSTGNKOFB5Mn
lyVVFPTHdJNTc3U11jTgttZ1ozOUxoTfc3SU5iSFJENzFlRTBKLvNqNmtZU3QzZy1ZcHhIR2dhMUNWmndKRENYdXo1Rk15VmwzZWFGLTZkdkd1d0VSQXd
SeWlwUklTakxRXzVBN19RQzZVYUlfchHdfZnppd1lfQjRSTWZtc2JmU2wtVzQwSXdrTXVtLURSY05MdDJoMXVcy3R1amJwUnpKTURDZwPwS2hUdWpRWDra
OVNZUVE5Y1BNdkJnRFA2YXpBbnJ6UUU5eUFESUuwaWFleGhyaGFORHJzSENSOXo4QWQyUTBnLWUzNWVvSGY1NW1BcVZHUUVB5WXR1NXNvNEU5W1RoTnNnU
XRLdGJ2Q2suOFdaMklNeGVKSv9NTFRtOXhwZDZkZw.MEDsU__vtK91VtftD3x1VTqPJan0kmd_nY2byzHhSyU"
}

```

For registration without token you can use just:

https://localhost:8443/openidm/selfservice/registration?_action=submitRequirements

```

{"input":
  {
    "user":
      {
        "mail": "Hanns.Nolan@forgerock.com",
        "sn": "Nolan",
        "givenName": "Hanns",
        "userName": "hnolan",
        ....
      }
    }
}

```



email settings can be found on <https://localhost:8443/admin/#emailsettings/>

and on password reset page you can set the lifetime of the token: <https://localhost:8443/admin/#selfservice/passwordreset/>

Related articles

- [Change mail example for IDM 6.5](#)
- [Password Reset per email](#)
- [UC password policy](#)