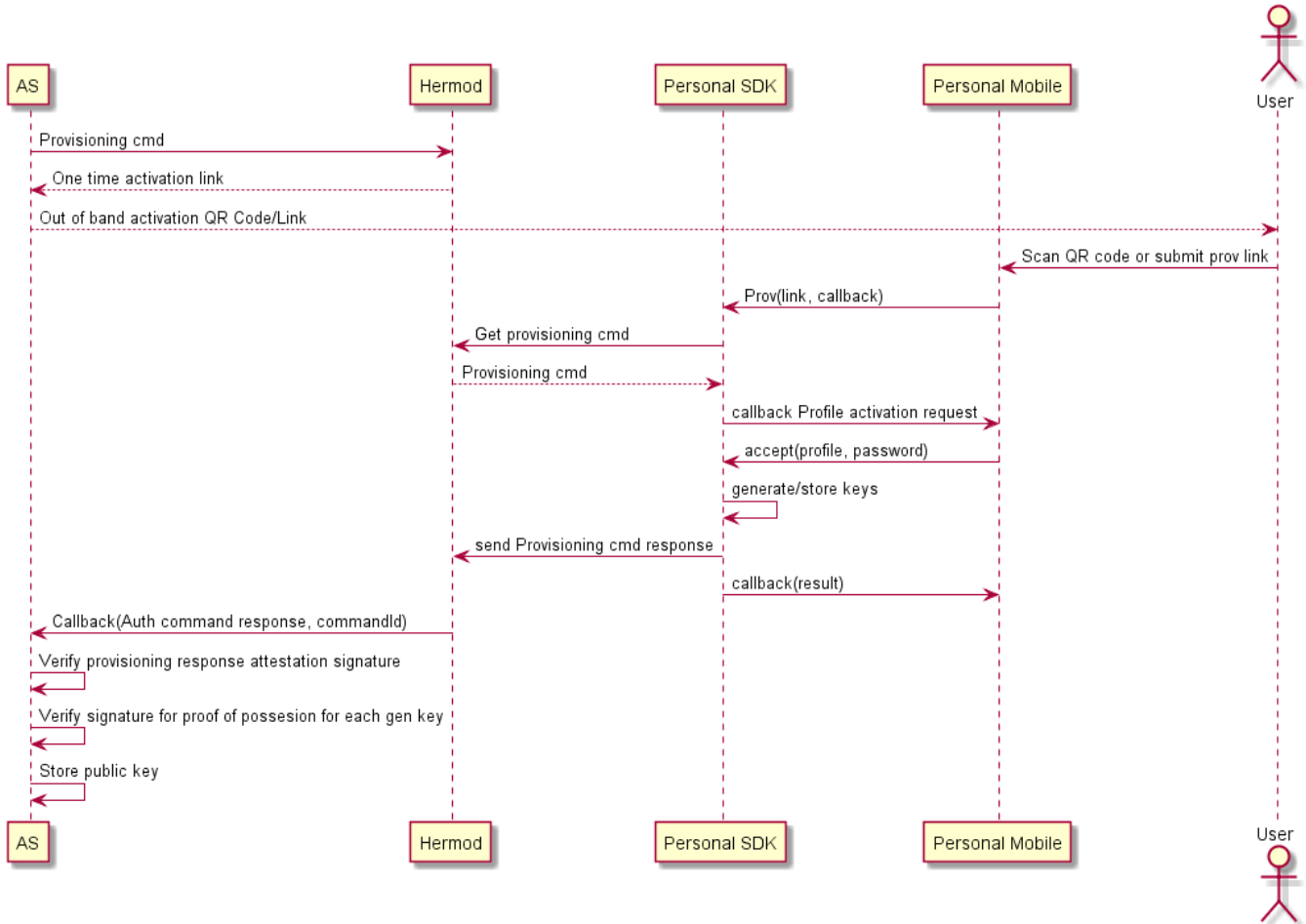


Example: Personal Mobile provisioning



[Expand/Collapse All](#)

Prerequisites

- Installed Hermod, see [here](#).

Related information

- [Install Hermod](#)

Step-by-step instruction

1. Send provisioning request, see code example.

Example: Provisioning command

```
POST /rest/command/provision
{
  "commandHeader":{
    "lifespan":1500,
    "timeout":1500
  },
  "provCommand":{
    "nonce":"123456789",
    "userid":"john.doe@nexusgroup.com",
    "responsesignaturekey":"ATTESTATION",
    "responseformat":"jws",
    "profile":{
      "servername":"nexus-hermod1",
      "name":"TestProfile",
      "keygenrequests":[
        {
          "keyid":"signer",
          "usage":"SIG",
          "keytypepriors":[
            {
              "keytype":"RSA",
              "keylength":"2048",
              "responsemechanism":"RS256"
            }
          ],
          "storagepriors":[
            "APP"
          ],
          "keystate":"ACTIVE",
          "certreq":""
        }
      ]
    }
  }
}
```

MIIDAzCCAesCAQIwgb0xCzAJBgNVBAYTAlNFMRawDgYDVQQIDAdVcHBsYW5kMRaw
DgYDVQQHDAVcHBzYWxhMRcwFQYDVQQKDA5VcHBzYWxhIETvbW11bJEUbW5kMRaw
CwwLRnlyaXNza29sYW4xZjAUBGNVBAMMDUFuZGVycyBSb3PDQW4xLTArBgkqhkiG
9w0BCQEWHmNsYWVzLnJvc2VuYmVyZ0BuZlZlcnVzZ0BuZlZlcnVzZ0BuZlZlcnVz
gTwHAQEC DANBUEEwgGEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDV8SX7
mnFExGdNwJe+1VqzQHhN4+2TdtW98uOE7s7jNRAZZGNM7J9hvkylv1jbHD71
/iI6tTvvdALeU45pe4qYlpgG5WLnTyzP1TT+NZR3wvbWZQyoZrIPqguU
/EB77tB38E/quY3BmMZSQeMPidqvAapTotTnSeE
/981kj8IyZqm2v9WHjJScj5TexrHnqcsWFOVrtI
/LhTfWKUn1o3sG890wmQsdjT53vtiIn4bCgck5WD/4YHozr8TBOKXwXhUwJhOj
/uLxLkdDB1+0VX7q8i+IUzSRKD4WMTG93F0jDzR6jYPWJfEUEPTbDTvTeKfL97CG
XSzt772HyRbqqhUATAgMBAAGgADANBgkqhkiG9w0BAQUFAAOCAQEA NmXKbGq+
/yzZh8doUSnjxaVEygL2gamnCLQ3+hQttxI+zn9Z6smvld2nJmuGERVgB77oTKTb
LXMDVlKD1QoHmTucomyPALNd+roVHLAL7
/bppO6MWgmQmKyTnar95466y1lKZRqc0LKgv1xSCP+cJXelOae2Kxqb94YkxP5a
uPcc1GrBVFjY
/CZYjqd2tAozWb8R4l04yKjYo4hGggcAzjxObbVKBLZ5GCV1BV384oJHizVdP8SH
T0YzULj5ZlWwPVsVxUFGkJGQlF9ze5h10XMZsKSpwvShySDRMZOM+piqAQqh7ktz
0daDvEL5HFLpnJQSmY+3YRfoL5hG8Etqg=="

1IxVXVkdzNwT0tuZG43TkJYzViOTJBZ001V3ZTUHHRE9ZzmdLM3hLU1VheXl3RkQzSjZ
SVjF2Vvh0alc0d0xtndpHYnRZd0hIUHlycWhUNzNLckhobkxomMmRwsjNNTzVTQ0FXdU5ia
VE2RVZsbkxkU3hZcGhGeEd2bmdxY0pHN19ESmhrb2xyOWJfTeXUdDE00XRHa3lZcUw3YWL
PNk9qVnRKULfKvWxIYUpFVvM3Z29tR0JuWURXRfV2WGxJM3FDakliWkFrc283NzAxMnFXb
nRpX3RqTlNIYmZFUxITzF9KRzR3bnFKalVvaHdFM1ZyN3VJR0JmS1FaMTZROUFlb0dzYkh
scDRIZkk5cS1pMmladG5OSFFuU2ZOVSIsmUioiJBUUFciwia3R5IjoiUlnBIiwiYwXnI
joiUlMyNTYifX0=.

eyJwcm9maWxlIjpp7ImlkIjoiNGI0NzBlYzgtMDAzMy00ZmFlLWIzZDgtNWUyNDhkOWU3Ym
MzIiwidXNlcmlkIjoiam9obi5kb2VAbmV4dXNncm9lc5jb20iLCJzaWduZWRrZXlziIjpb
ImV5SmhiR2NpT2lKUlV6STFOaUlzSWl0cFpDSTZJbk5wWjI1bGNpSXNjBTv2Ym1ObElqb2
lNVEl6TKrVMk56ZvZjBjA9LmV5SjFjMlVpT2lKVFNvY2lMQ0poYkdjaU9pS1NvekkxTmlJ
c0ltdDBlU0k2SwwKVFfTSXNjBvVpT2lKQlVVRkNJaXdpYmlJNkluahHxWE5pWTNWSFNURT
VUBfZzVjJveFVIRXpXRGN6UWxOWmJrbzRla1JtVUY4M09YWLzjRk4U25WdGFrVXpOV3Bx
ZwtNNVIycGlZWFJGYTFRC056UlZwVvK0wVldGcVpuSmhOSEp0VGtscmJYVnRkM2QyTFdKdV
RiVjJkMDlyZGxaRGJuUm9aVlUwV2xoU2NrVnhNUzEzYlHkSVZtNUVaM2R1UWtaVlMwaDFP
VTlIYVU1bk5UvKv1VkpqWlZsaFjQbDFUME16UlVKSGrNW1imnBtZfVvNVrUkVra1JRTU
RaWGNVbGhSMGRVWINGWfVqTlRObkEwVFRCalQzVm5ZVmxSWVZobWJXeFJUWFEyU0dSblZX
Sm5UVE5NYmtOTlYzTkdhVkrZURkMxaFRrVXpXSEJJYmtkMlKxOUJXbmRaTlROelMzce9TVX
BKVGxwdVQzQk1TbTFDFVZSSlpIbHpmS05EzEhacGFwcGharW8xYldZNGVYSkdVa3hpZG1w
ZlR6UmXwVzlwWwSxQlRtbGFUVEJMY0RkCvMYUjRSRk5HUmTkyVixOVlUVzFLVEZJMFEwRk
1VR3hsWmxJNFUYzE9helPKVlHkSWR5SXNjBXRwWkNjNklUtnBaMjVVsY2lJc0ltnGpiR1Z1
SWpvaUlqQTBPQ0lzSwl0bGVWoxpkR0YwWlNjNklrRkRWRWxXULNKOS5vU25Hce0xWkn3Vj
RMN3vtMuc1TFVw3h5cXVRcG9TMDhINEstTUJNzVBUk10VzhoRHpzSVVLRtc2WW1YeIdG
Vkf0Ny05RClEaE91V0jicHRXV3ZMa2lMcURWrk1IXz1UVXA3WGH2MFZNaWpNQUpfcTN2M0
UyamJMXh0MUZsQUZJejbULS1LS081SS03SXNRMGUxeji1X0Q4R0FaaJJqNFhZeTFxZjz1
UmFwSFNweG1wdllh1TE9fbXglZUdiRlp1cEVkamlaeUNYWDd1dUJ2TGnTVJYnpMNXBHAE
Iwd2RrSGJHNXlraEJleKvGLXfBNmlvSElCNGRSYmhxcWsxZl9TcJfZzE1SRHUtM2tnWnZX
MlljUEXBNmljTEE5VzZHVXBxQmUydUs5NlZFemt6TUh5N0Y5aUU0ZUVEd3RRb0FsaWxId3
NESFFnbH Zub2VQemtnUnciXSwibmFtZSI61Lr1c3RQcm9maWxlIiwic2VydMvYbmFtZSI6
Im5leHVzLWhlcmlvZDEiLCJib3hlcmwiOiJodHRwczpLlWwvV4dXMTY29kMS50ZXN0Lm
5leHVzZ3JvdXAuY29tOjIwNDawXC9oZXJtb2RcL3Jlc3RcL2lzcX8zOGIwMGFmOC03YjYw
LTQ0YzEtOGFmMS05ZDM3NDFlZjZjBmZEIFSwizGV2aWNlaW5mbyI6eyJvcGVyYXRpbmdzeX
N0ZW0iOiJpTlMgKDEwLjMuMikiLCJtb2RlbcI6Im1QaG9uZSIsImFwbmRldm1jZXRva2Vu
IjoiInJlMmNkZmEzN2M4NTgyODYwNjRmOTk1ZjFhYThiYWY3OTc0Zm1hMzIzOGZkN2Y4ND
FmYmZmZrYiYwViInjklNCIsIm5hbWUiOiJlbnRlcnpigJlZIGlQaG9uZSJSJ9fQ==

Sx54ArHOVWRPvcovInXbRobI5WbVqCuH9gp7OnE0UPq1IcMHLr47Cf5mVhAOW7VS_93cC
oZwRWVo3y6zliFv40RyGuu7bqiOKtgZ4tWy601ITSS91Ur8GGux-
wUg6eYM8DmhL_yPoVQqZvlSadRAZEOKP1pIYBu9snONK2Qmg4d30qWDP14LImbJstFv3kI
fuDl_ul2ilQLOH51A5-
8HPcnFVNwglYFKtPQoTjUBS6_ioP3KdnqeI6eGDVcqsRxxkdV9Uum5JXkF2Amnq72fbxqtY
eic-DCIn9m6h8y3lovoEpzftv8mpkvKsvxly4QsXv1kztRN7jk65Cu7KW2PA"

```
}  
,  
"commandId" : "1101",  
"destinations" : [ {  
  "to" : "@tmp",  
  "bid" : "21b279cc-3f82-48e2-b200-fd9bbc5dfb4a",  
  "uri" : "com.nexusgroup.plugout:///url=https%3a%2f%2fnexus-cod1.  
test.nexusgroup.com%3A20400%2fhermod%2Frest%2F21b279cc-3f82-48e2-  
b200-fd9bbc5dfb4a&token=a8b6eeb1-8218-497a-b8f8-14c81435060e",  
  "mid" : "08aeef86-b789-4bf3-88fa-ab0c96824a6c",  
  "location" : "https://nexus-cod1.test.nexusgroup.com:20400/hermod  
/rest/ms/21b279cc-3f82-48e2-b200-fd9bbc5dfb4a/08aeef86-b789-4bf3-88fa-  
ab0c96824a6c"  
} ],  
"commandType" : "PROV",  
"state" : "COMPLETED",  
"fqdn" : "nexus-cod1.test.nexusgroup.com"  
}
```



```

      "name": "Anders's iPhone"
    }
  }
  signature

Sx54ArHOVWRPvcvoZInXbRobI5WbVqCuH9gp7OnE0UPq1IcMHLr47Cf5mVhAOW7VS_93cC
oZwRWVo3y6z1iFv40RyGuu7bqiOKtgZ4tWy601ITSS91Ur8GGux-
wUg6eYM8Dmhl_yPoVQqZvlSadRAZEOKP1pIYBu9snONK2Qmg4d30qWDP14LImbJstFv3kI
fuDl_ul2i1QLOH51A5-
8HPcnFVNwglYFKtPQoTjUBS6_ioP3KdnqeI6eGDVcqsRxxkdV9Uum5JXkF2Amnq72fbxqtY
eic-_DCIn9m6h8g3lovoEPzftv8MpkvKSvxly4QSxVlkztRN7jK65Cu7KW2PA==

```

The keys are included in the signed keys field. The *JSON Web Key (JWK)* is signed by itself for proof of possession.

Example: Decoded signed_keys element

```

Header
{
  "alg": "RS256",
  "kid": "signer",
  "nonce": "123456789"
}
Payload (JWK)
{
  "use": "SIG",
  "alg": "RS256",
  "kty": "RSA",
  "e": "AQAB",
  "n": "
xqYsbcuGI19NulWj1Pq3X73BSYnJ8zDfP_79vUpPqJumjeE35jjzC9GjfatEkPF74UUS4Ua
jfra4rmNIkumwv-bnLuvwOWvVCntheU4ZXRREq1-
wqWHVnDgwnBFUKHu9OGiNg55DyRceYaF9uOC3EBGvNfojfuE9NtDB4P06WqIaGGTcqWR3S
6p4M0cOugaYQaXfmlQMt6HdgUbgM3LnCNWsFiQPD-
aNE3XpHnGvc_AZwY93sKzNIJINZnOpHJmBMTIdysGsCtviizadJ5mf8yrFRLbvj_04eUoi
bMANiZM0Kp2jKdxDSFFBZG_XMmJLR4CAHPlerR8SgNk6IYwHw",
  "kid": "signer",
  "n#len": "2048",
  "key_state": "ACTIVE"
}
.
oSnGpM1ZCwV4L7um1G5LUpsxyquQpoS08H4K-MBMePnVMtW8hDzsIUKE76YmXzWfVAh7-
9D-DhOuWBbptWWvLkiLqDVFPMH_9TUp7Xhv0VmiJMAJ_q3v3E2jbI1xt1F1AFIz0T--
KKO5I-
7Isk0elz25_D8GAZj2j4XYy1qf6uRapHSpxmpvXuLO_mx5eGbGZupEdjiZyCrX7uuBvLcg
MRUzbL5pGhB0wdkHbG5ykhBezEF-qA6ioHIB4dRbhqqk1f_Sr1sdMRDu-
3kgZvW2YcPLA6icLA9W6GUpqBe2uK96VEzkmHy7F9iE4eEDwtQoAlilHwsDHQglvnoePz
kgRw

```