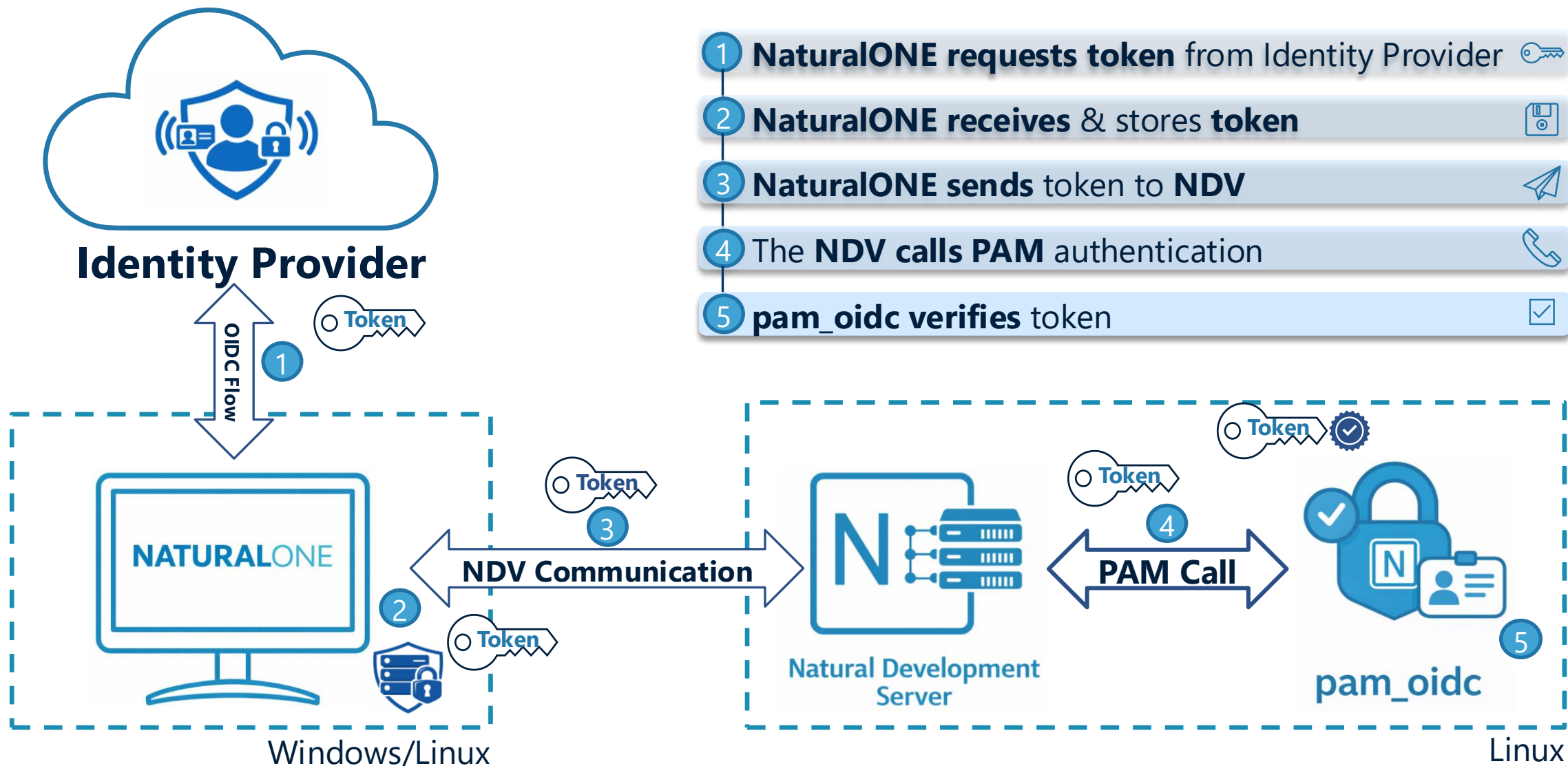
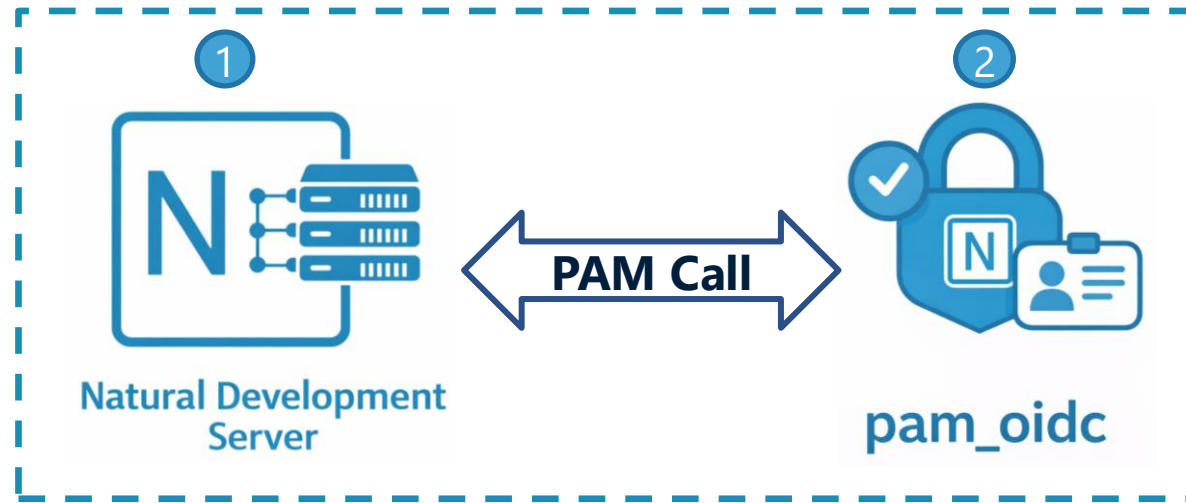


NaturalONE OIDC Flow



PAM: Pluggable Authentication Module
NDV: Natural Development Server

Setup NDV with OpenID Connect



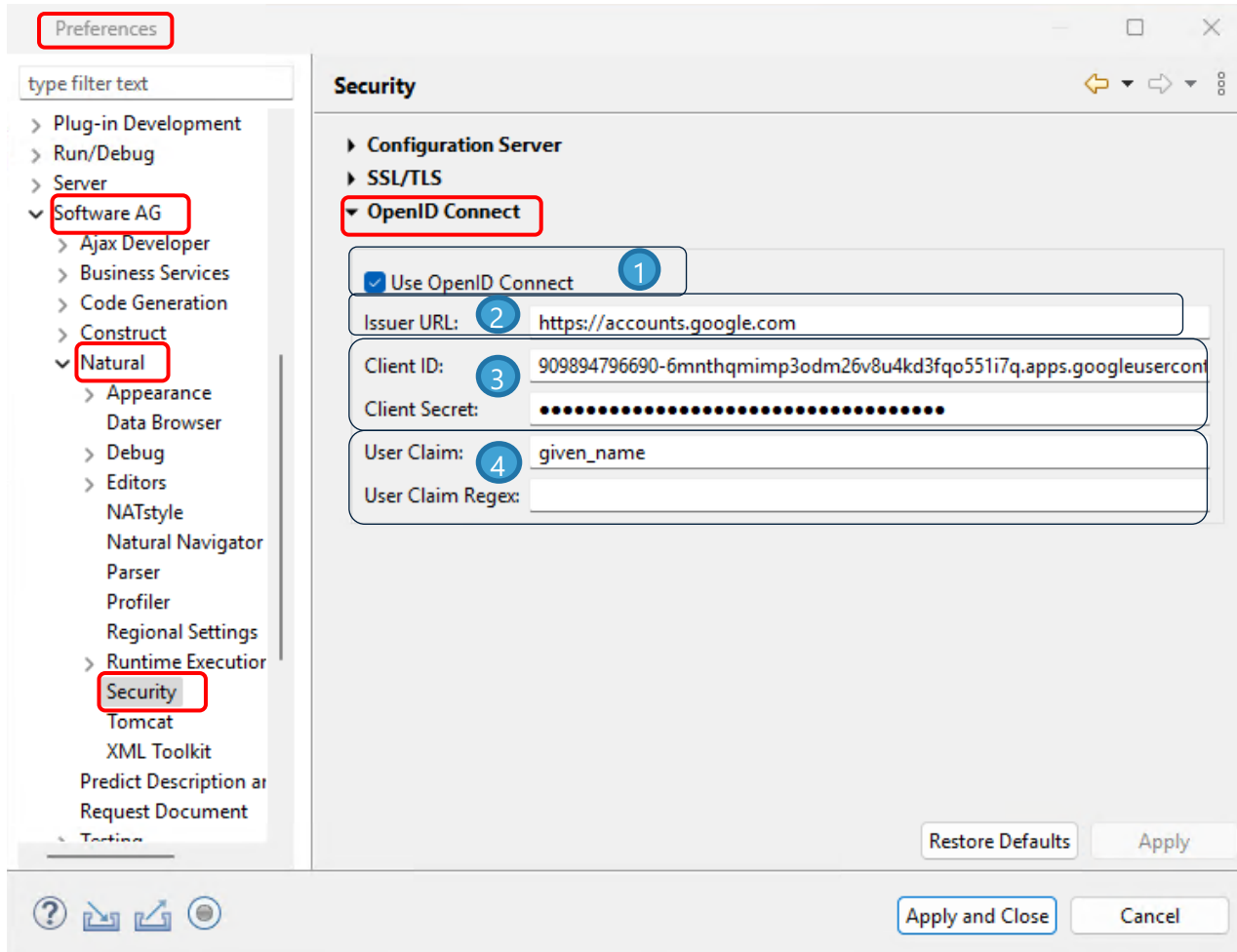
1 Start **NDV with PAM** (flag: `-use-pam-auth`)

```
$BASH
> natdvsrv \
  -p=2700 \
  -ssl \
  -use-pam-auth \
  -s=natural
```





2 Configure **pam_oidc** (PAM service)

```
/etc/pam.d/natdvsrv
1 auth required pam_oidc.so \
2   jwks=/home/sag/jwks.google \
3   issuer=https://accounts.google.com \
4   aud=909894796690 \
5   userClaim=given_name
```

NaturalONE OIDC Configuration



Configure NaturalONE to use external Identity Provider

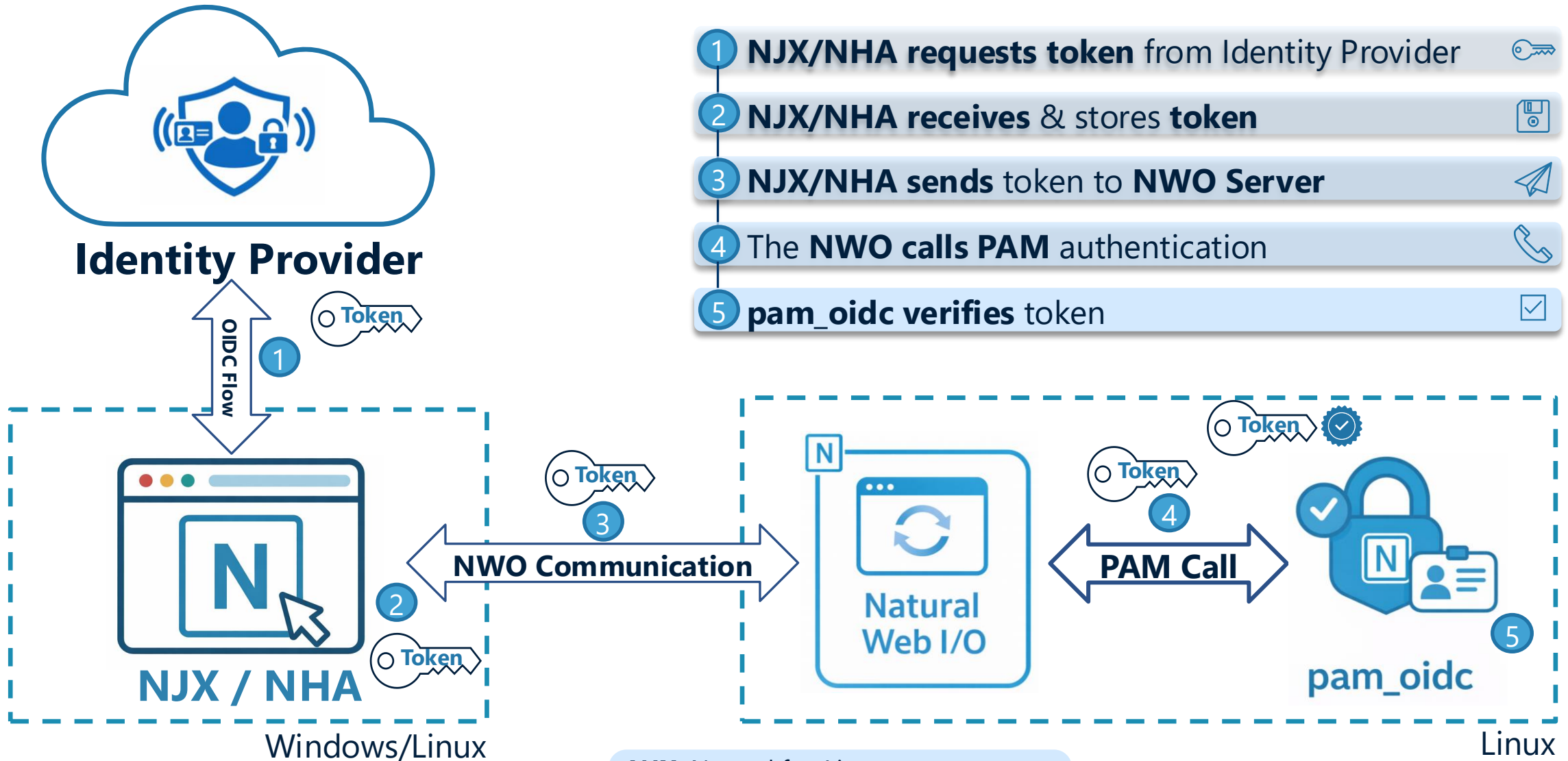
- 1 **Enable** OpenID Connect 
- 2 **Configure** Identity Provider 
- 3 **Set** client **credentials** 
- 4 **Define** user mapping 

Live Demo

End-to-end authentication in action

- Configure backend authentication (NDV + PAM)
- Establish the connection in NaturalONE
- Prove OIDC authentication using logs

Web Products - NJX/NHA OIDC Flow



NJX: Natural for Ajax
NHA: Natural High Availability Server
NWO: Natural Web I/O

