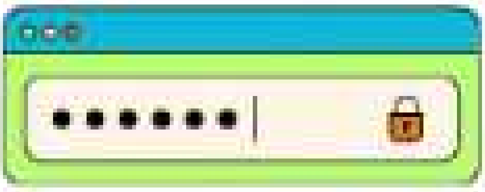
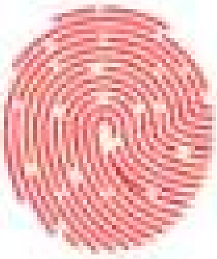
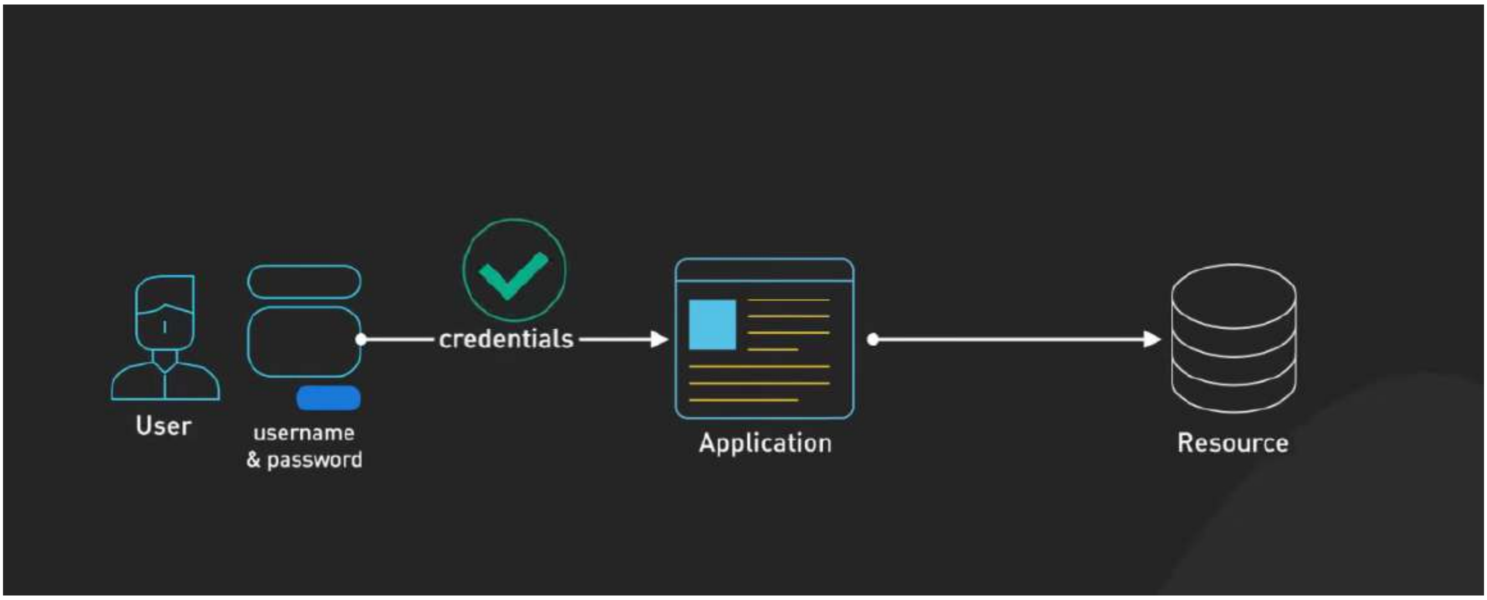
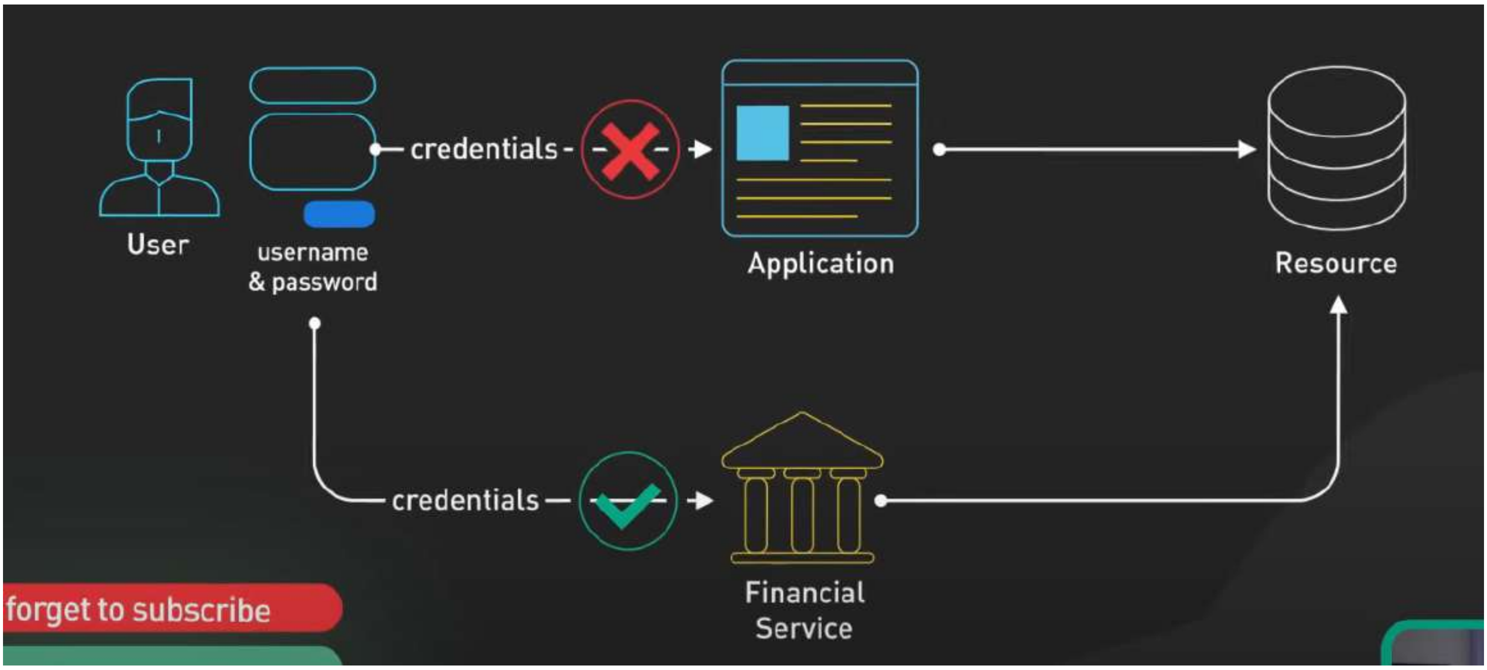
Authentication Types

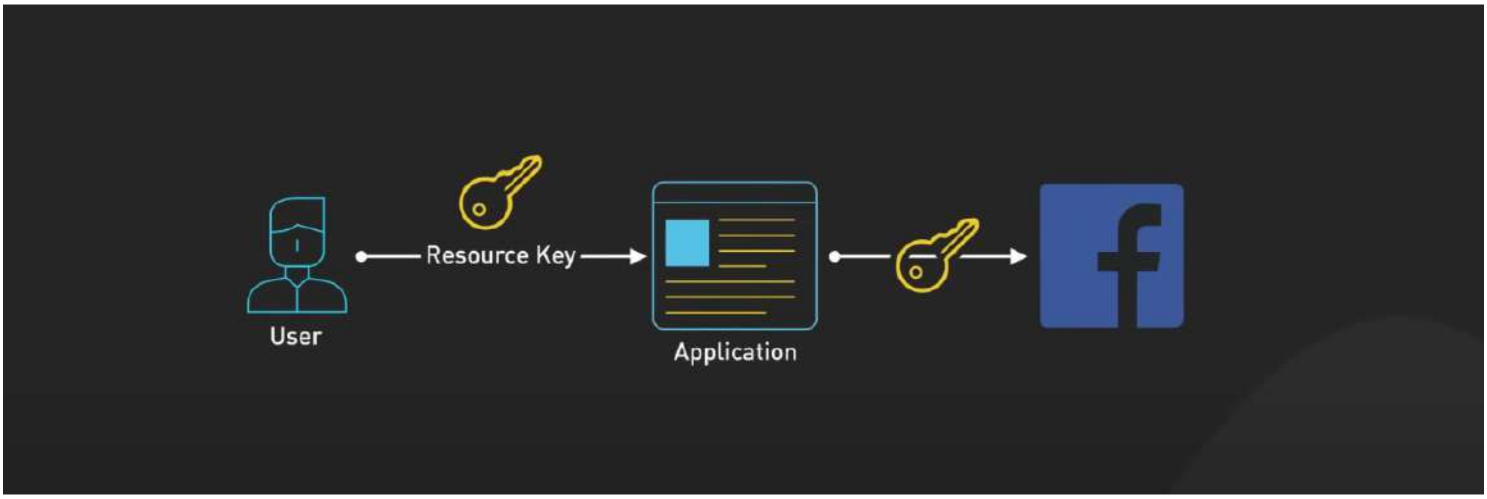
Something you know	Passwords, Security Questions
Something you have	OTP Via SMS that verifies you have the device that received the SMS,USB token device
Something you are	Biometric Authentication

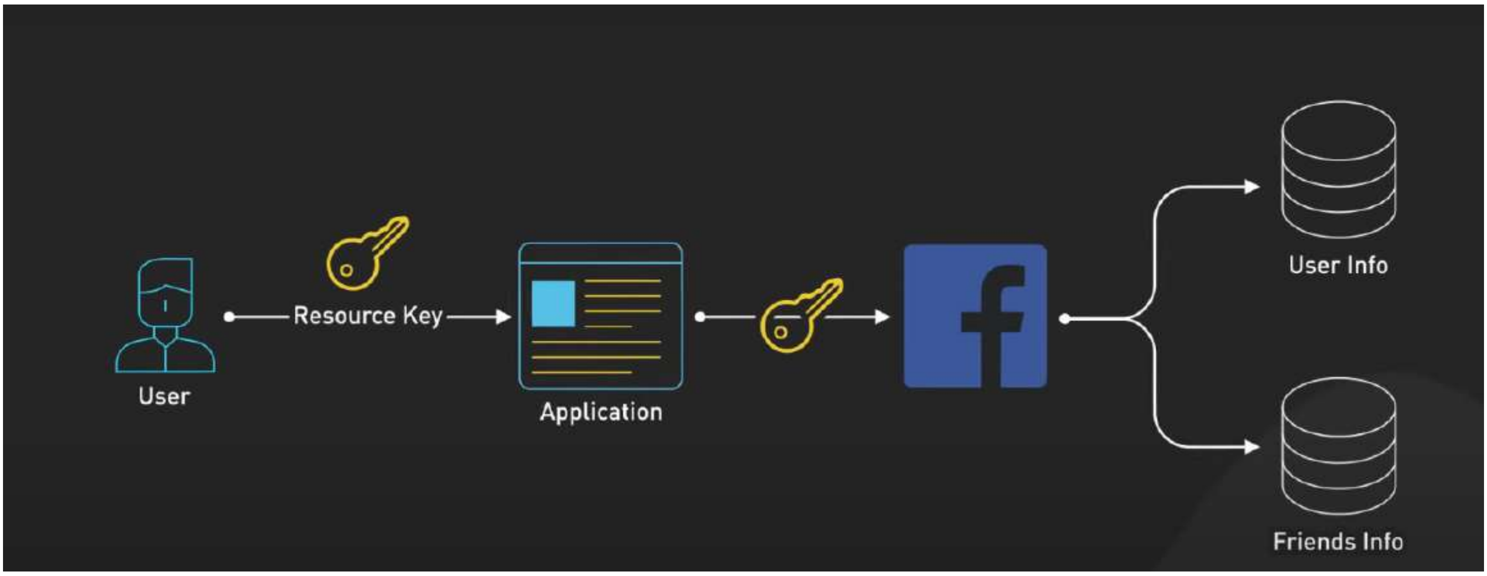


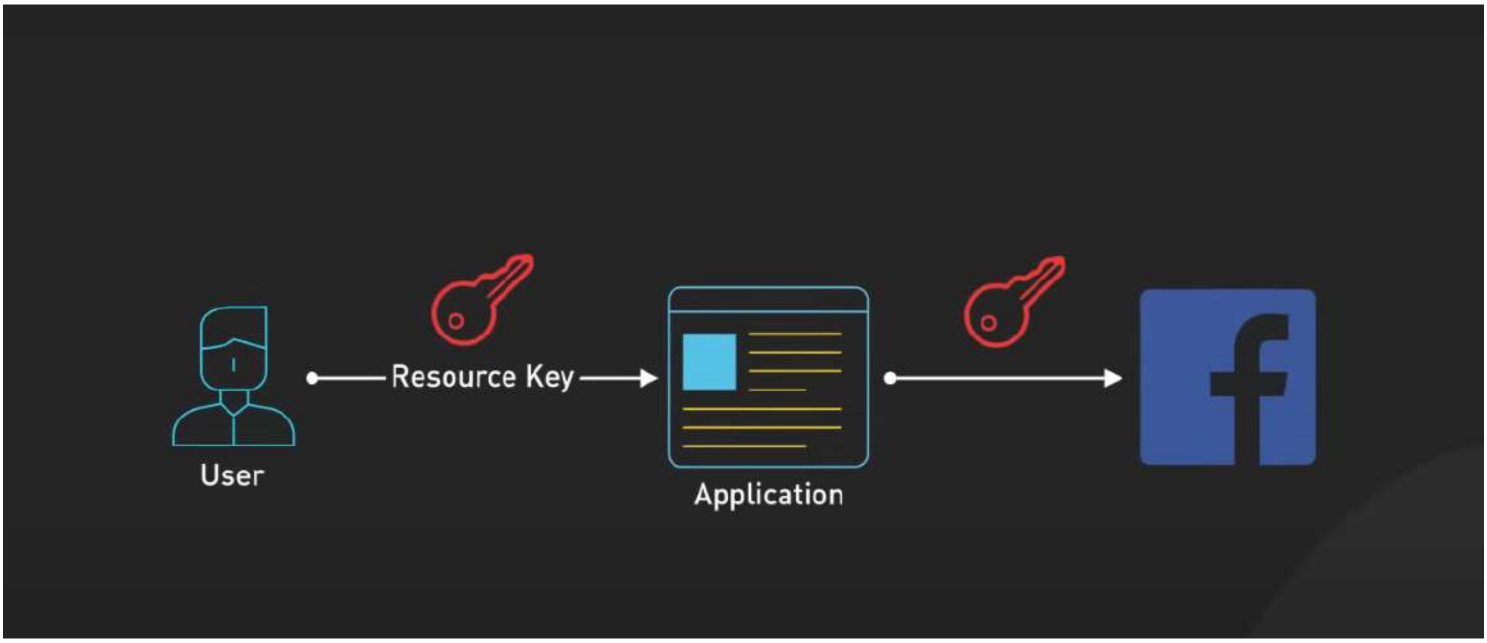


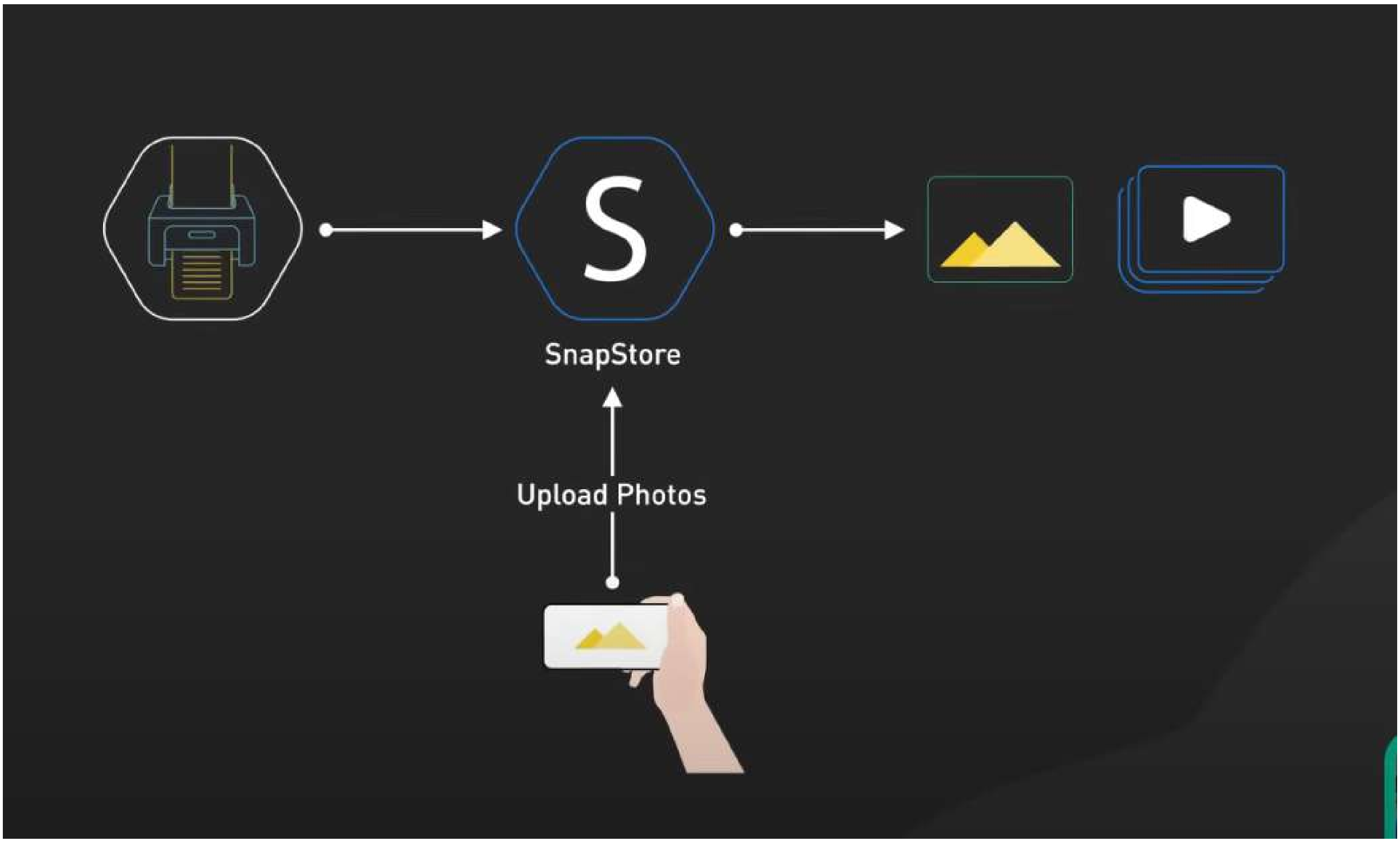

User
username
& password
credentials
Application
Resource

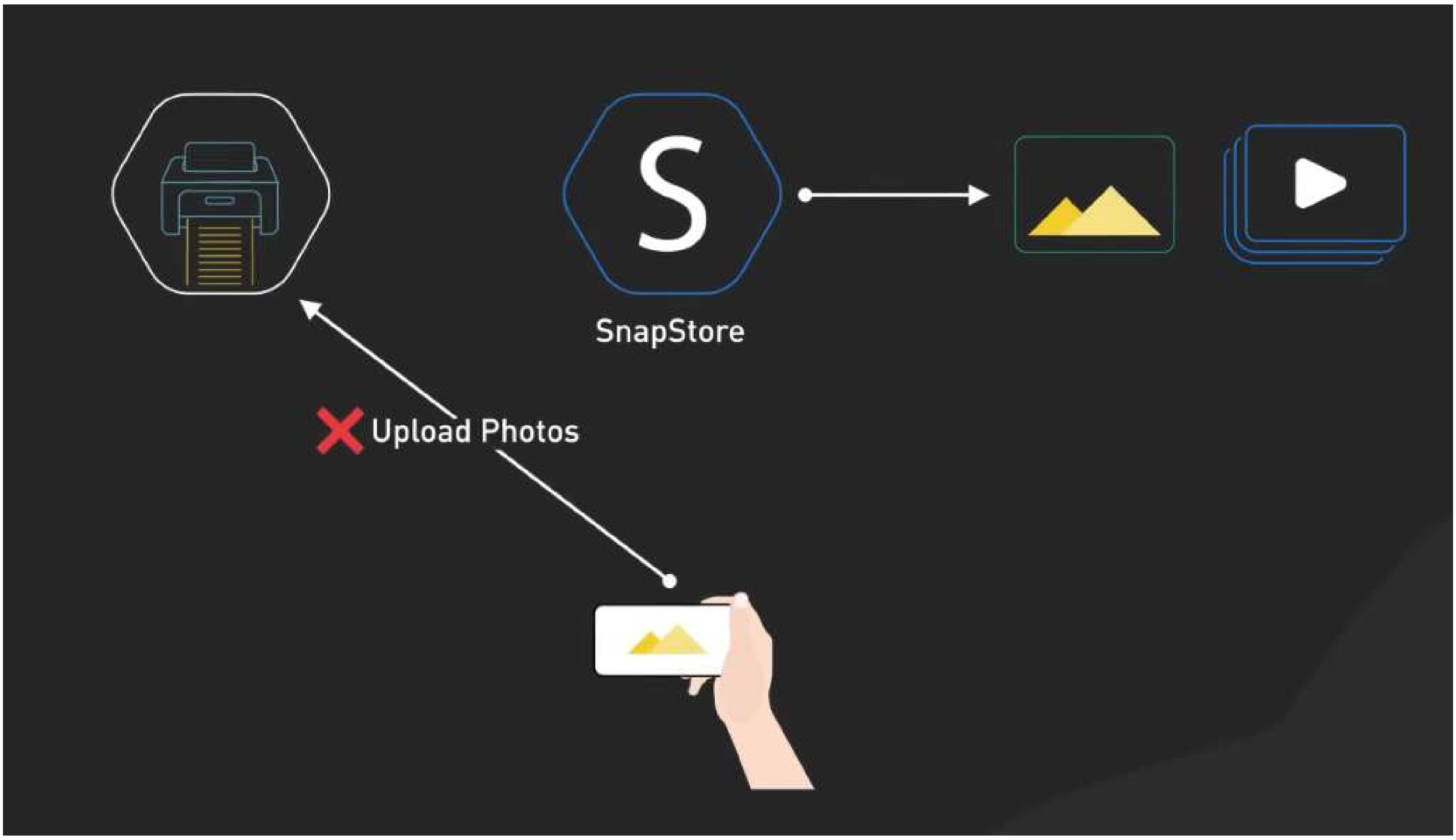

User
username
& password
credentials
Application
Resource
credentials
Financial
Service
forget to subscribe

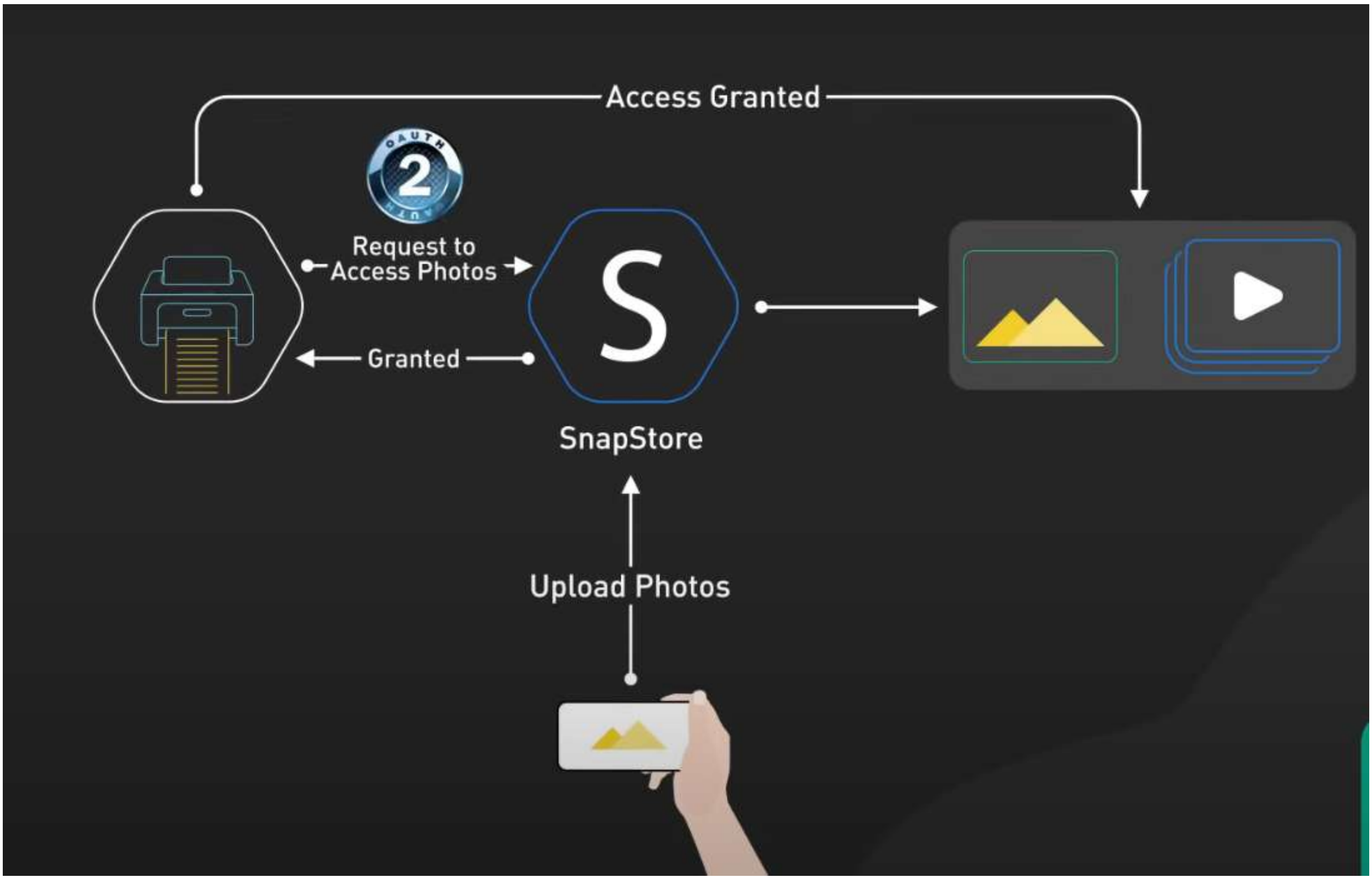

User
Resource Key
Application

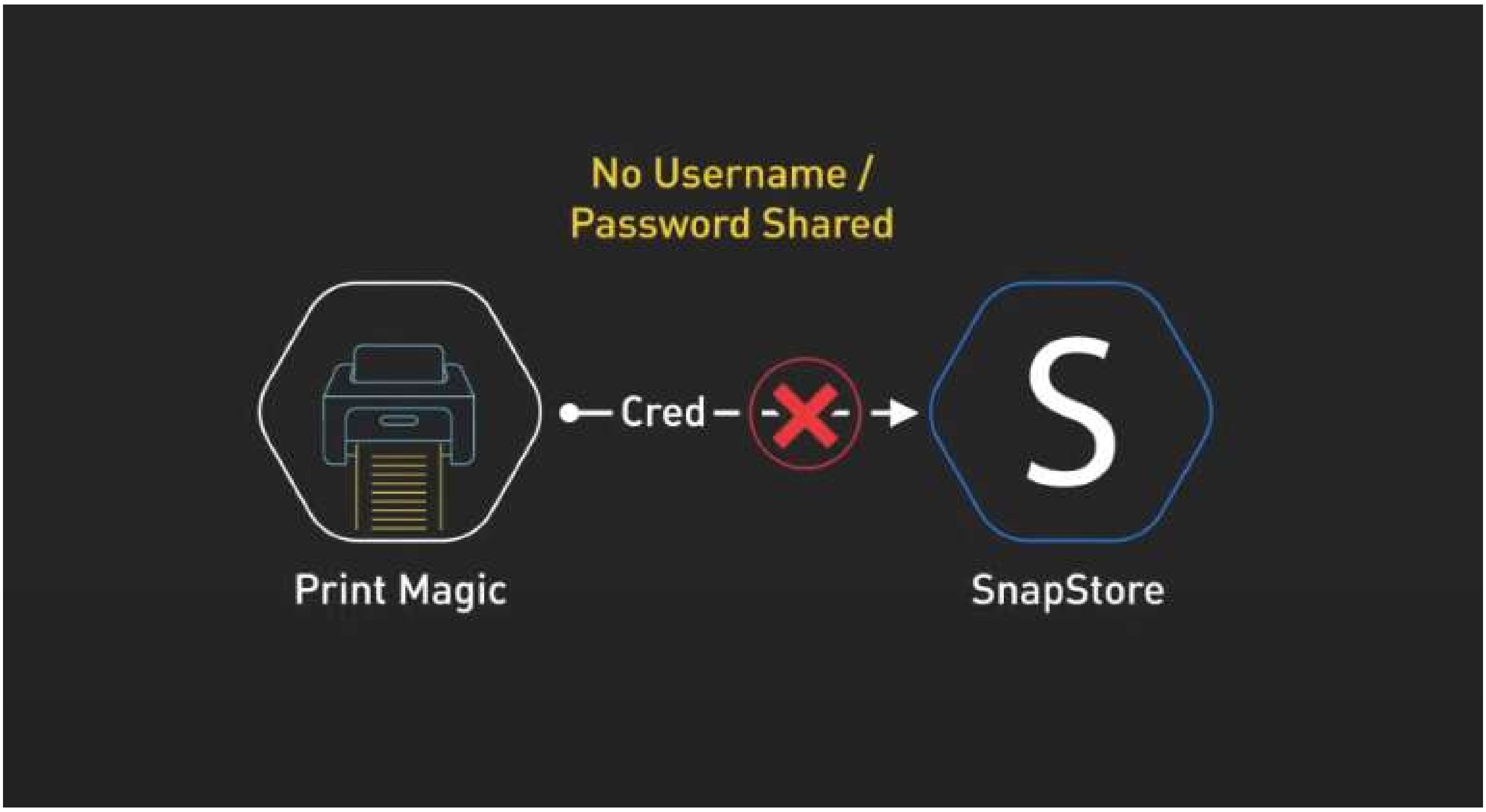

User
Resource Key
Application
User Info
Friends Info


User
Resource Key
Application


S
SnapStore
Upload Photos


SnapStore
❌ Upload Photos


Access Granted
Request to
Access Photos
Granted
S
SnapStore
Upload Photos



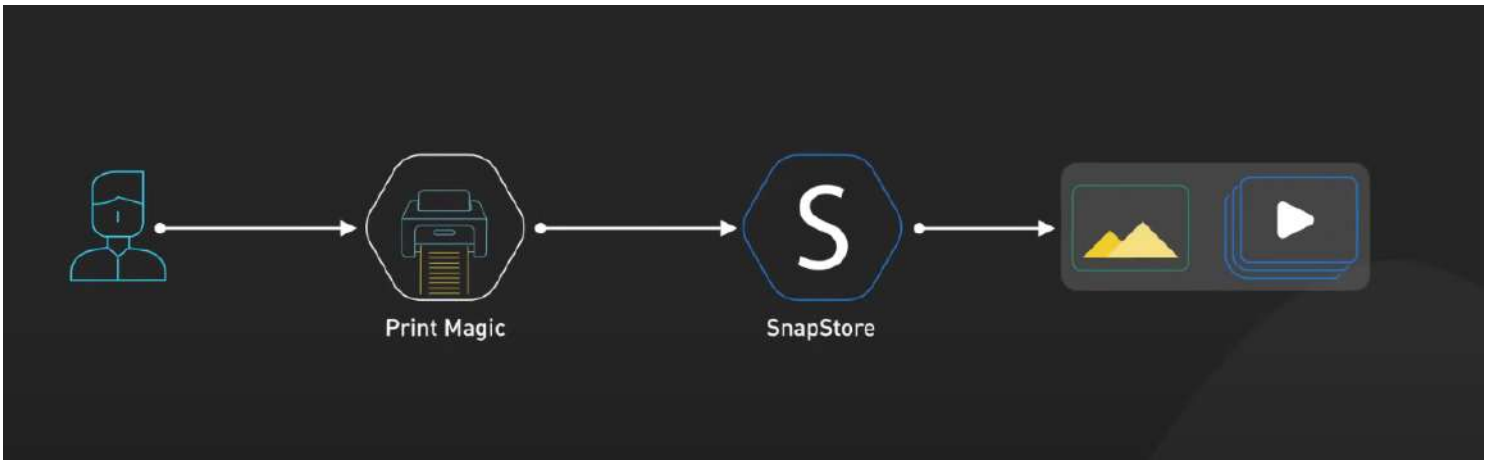
No Username / Password Shared

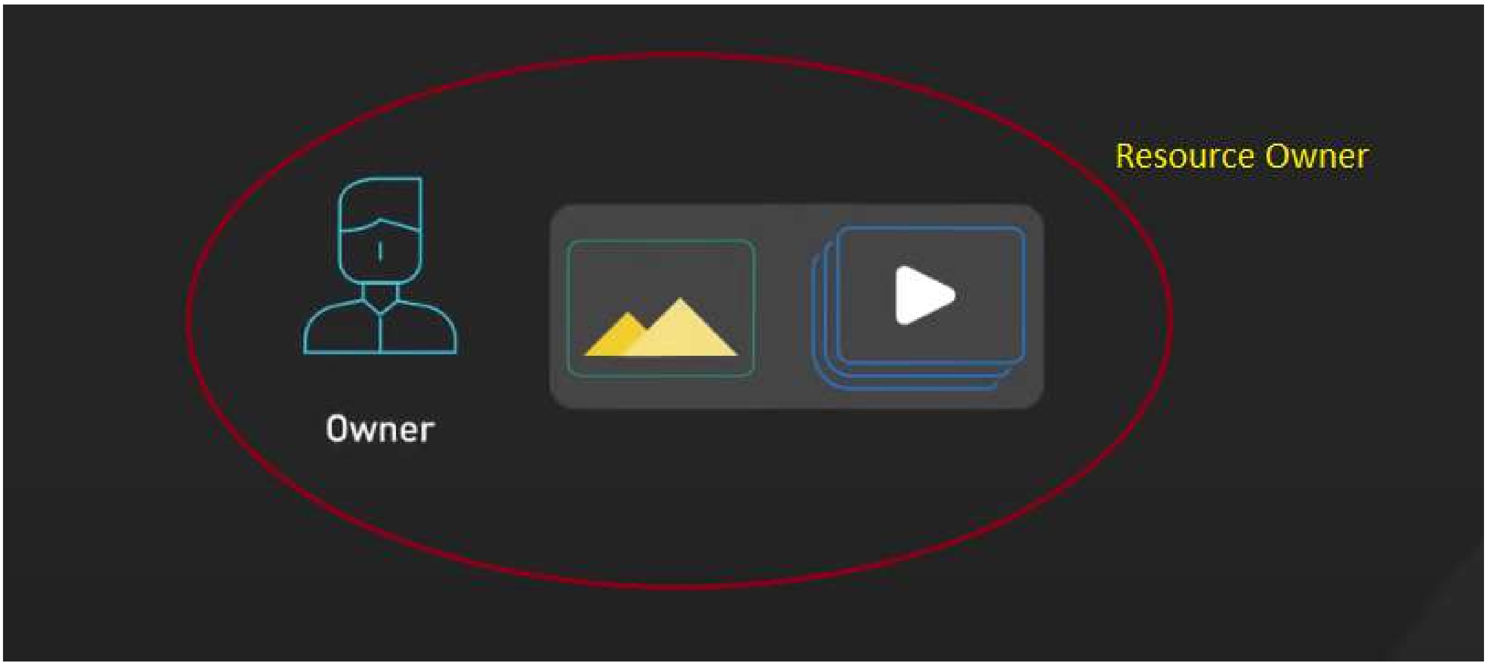
Print Magic

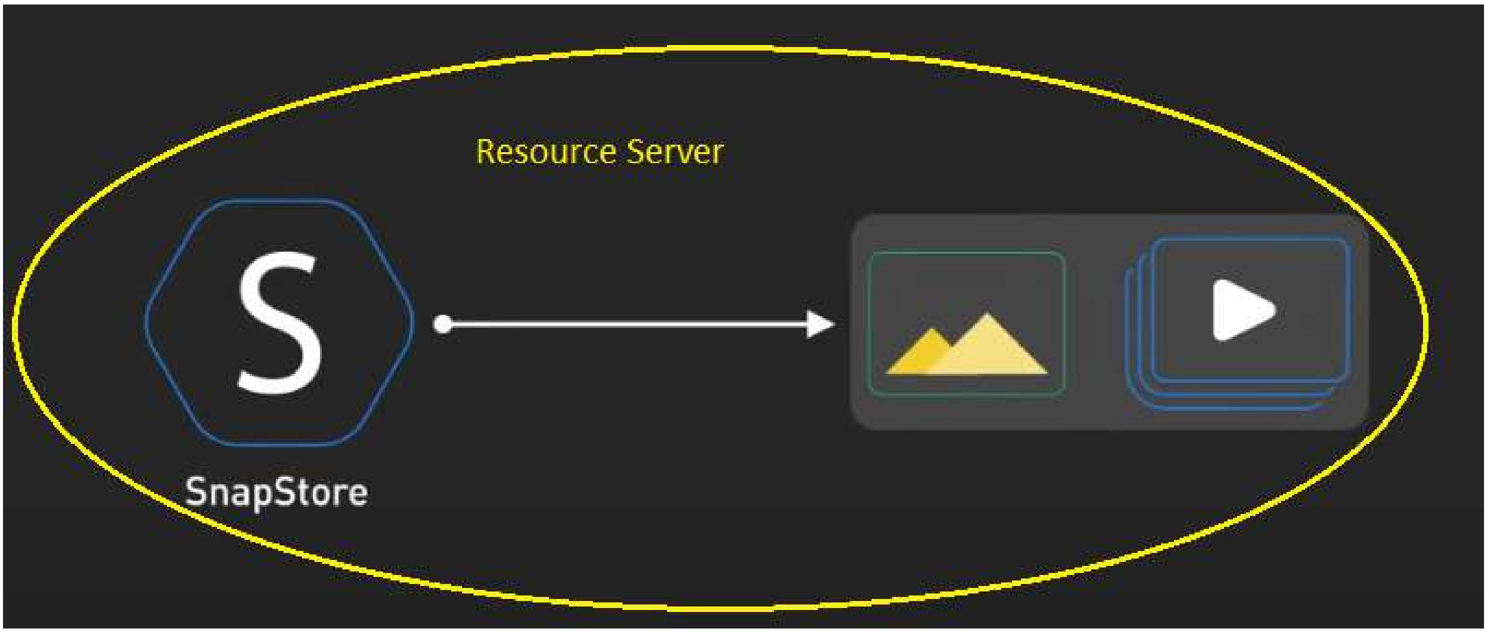
Cred

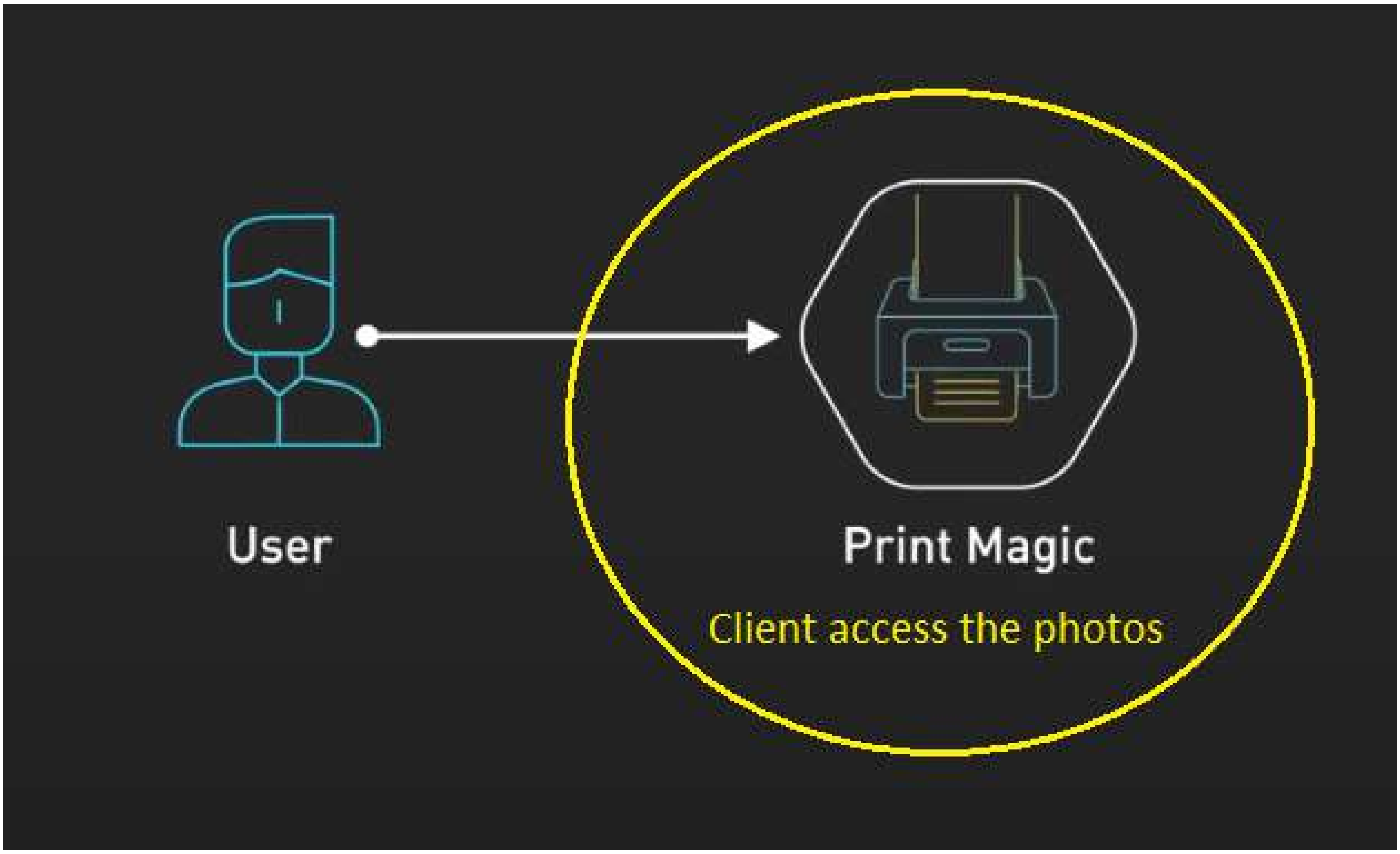
S

SnapStore


Print Magic
SnapStore


Resource Owner
Owner

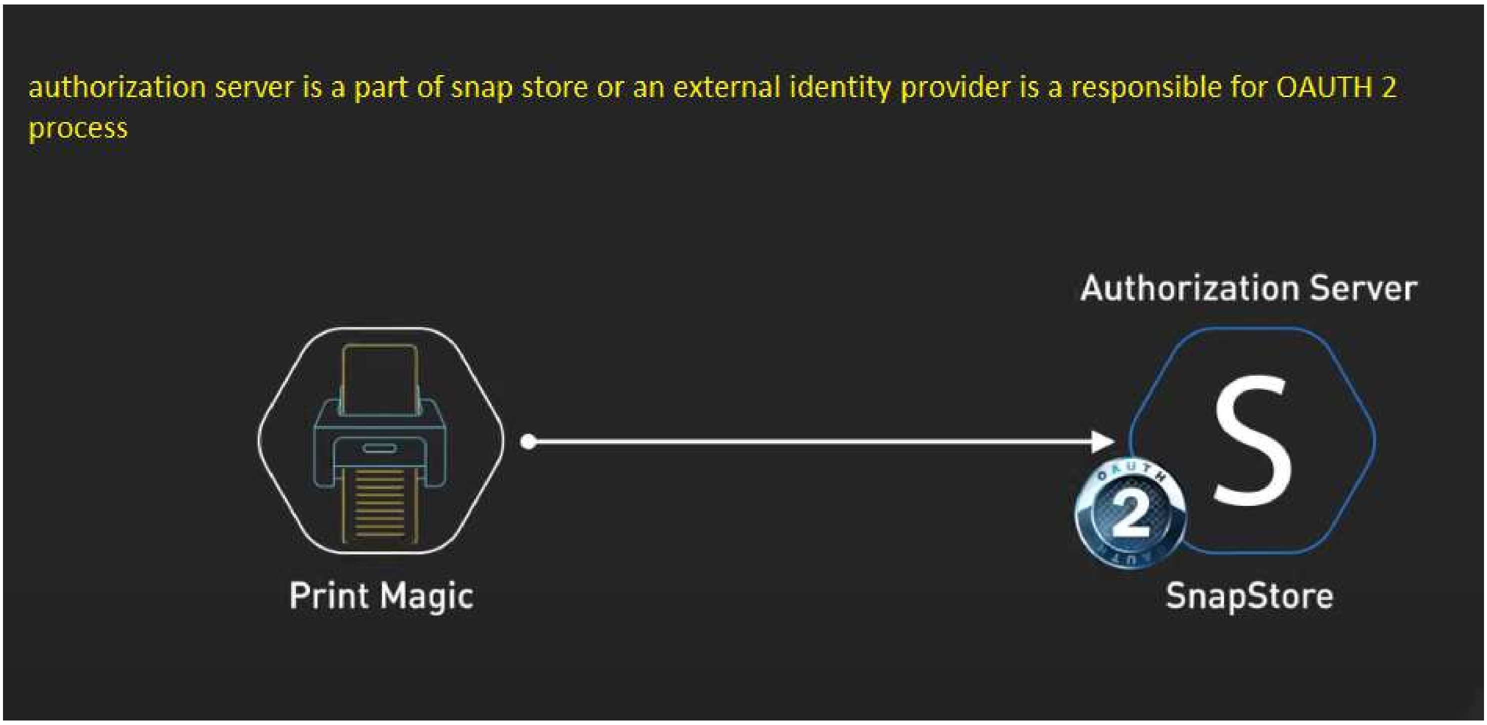

Resource Server
S
SnapStore



User

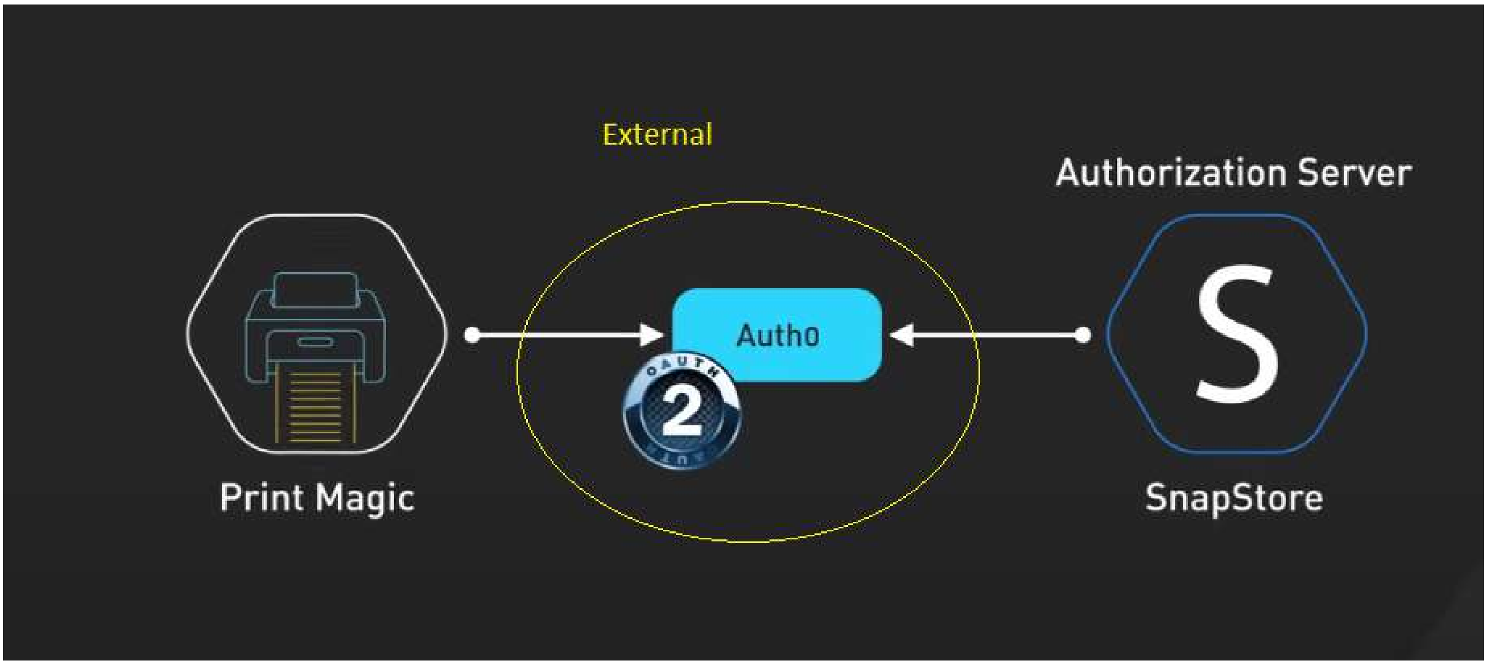
Print Magic

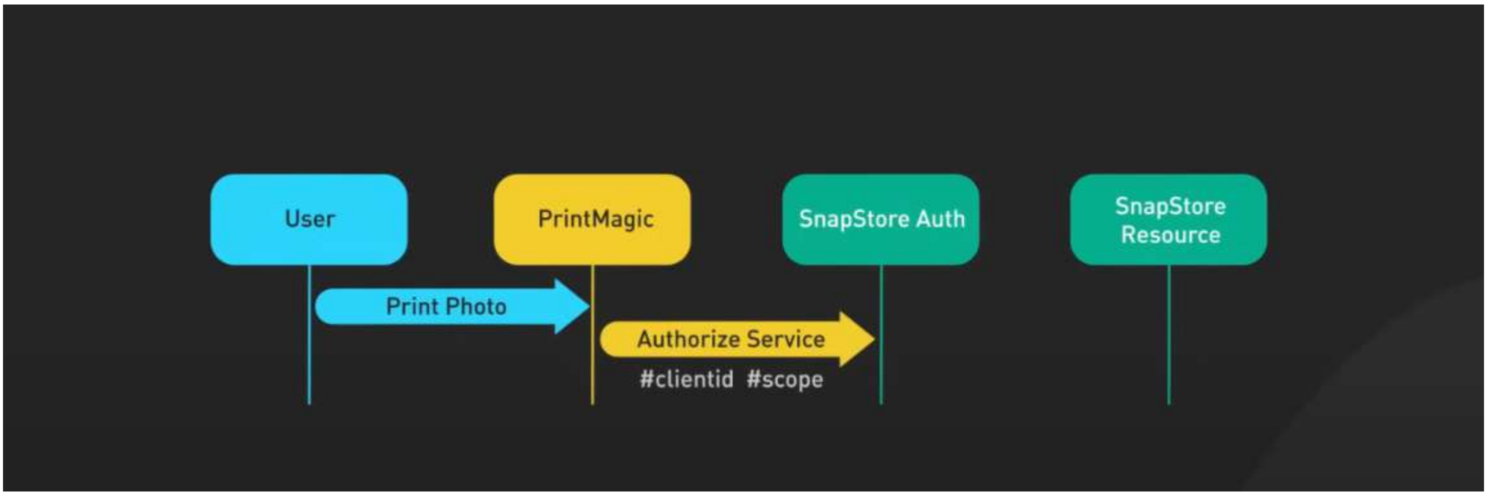
Client access the photos



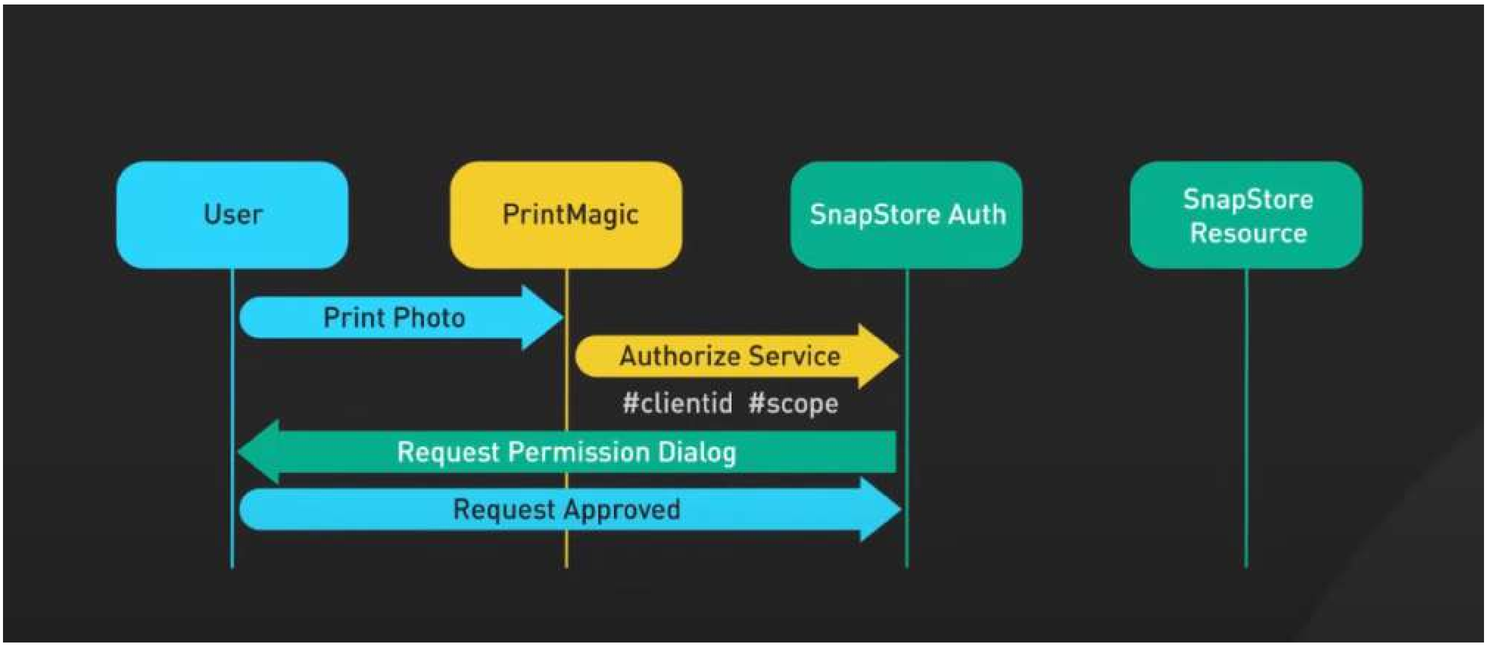
authorization server is a part of snap store or an external identity provider is a responsible for OAUTH 2 process

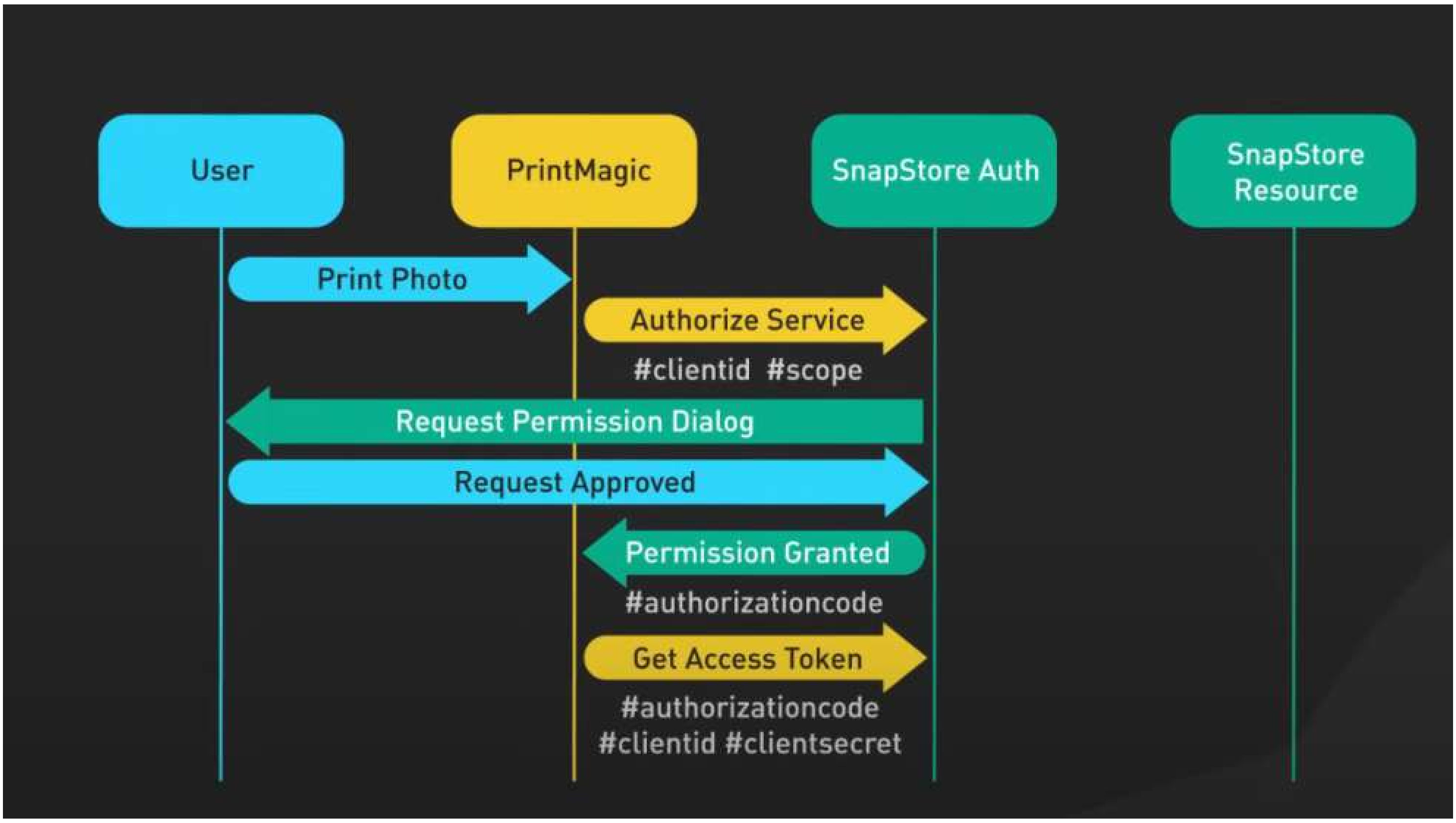
Authorization Server
Print Magic
S
OAUTH 2
SnapStore


External
Authorization Server
Auth0
Print Magic
SnapStore



User
PrintMagic
SnapStore Auth
SnapStore Resource
Print Photo
Authorize Service
#clientid #scope





User

PrintMagic

SnapStore Auth

SnapStore Resource

Print Photo

Authorize Service

#clientid #scope

Request Permission Dialog

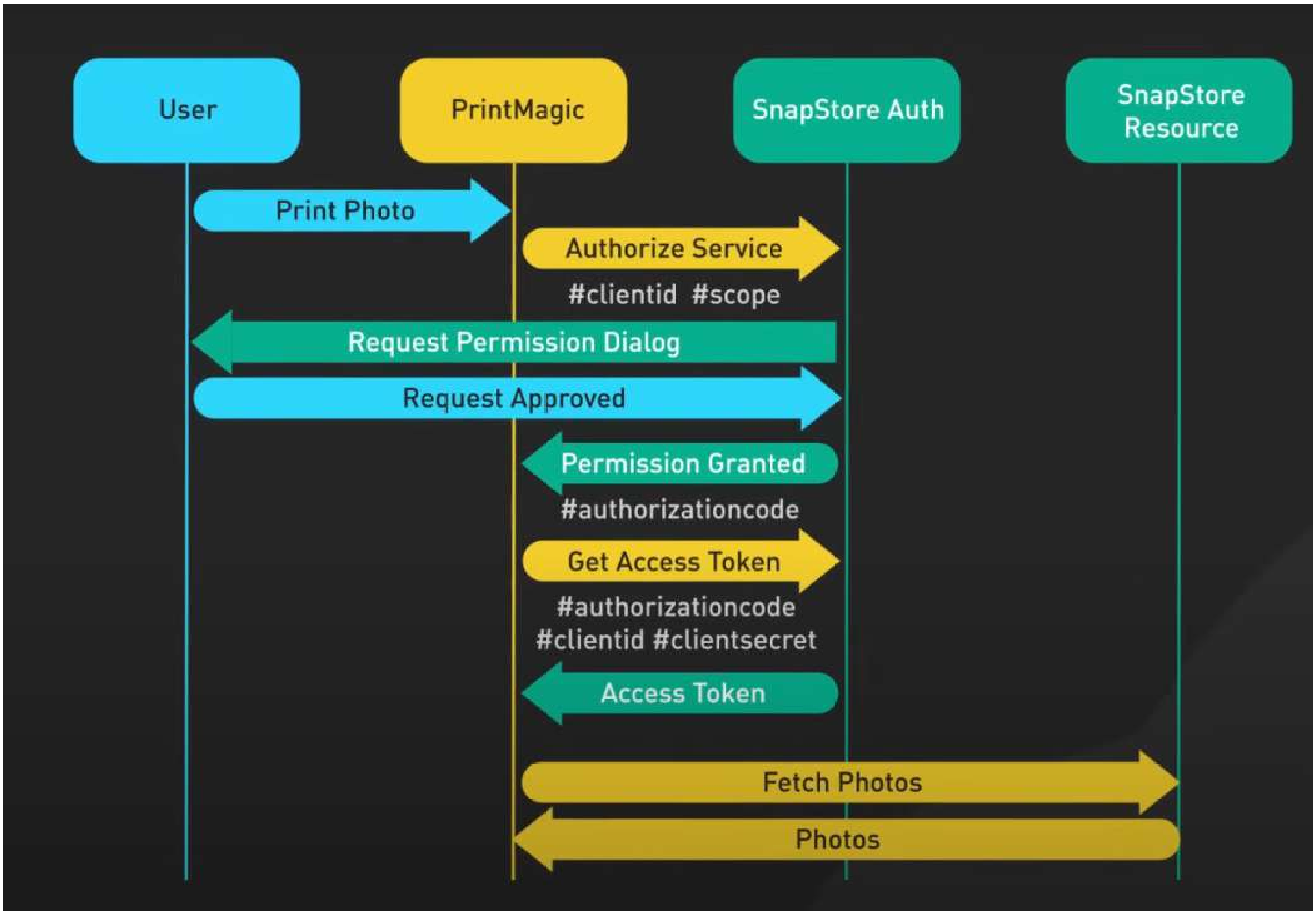
Request Approved

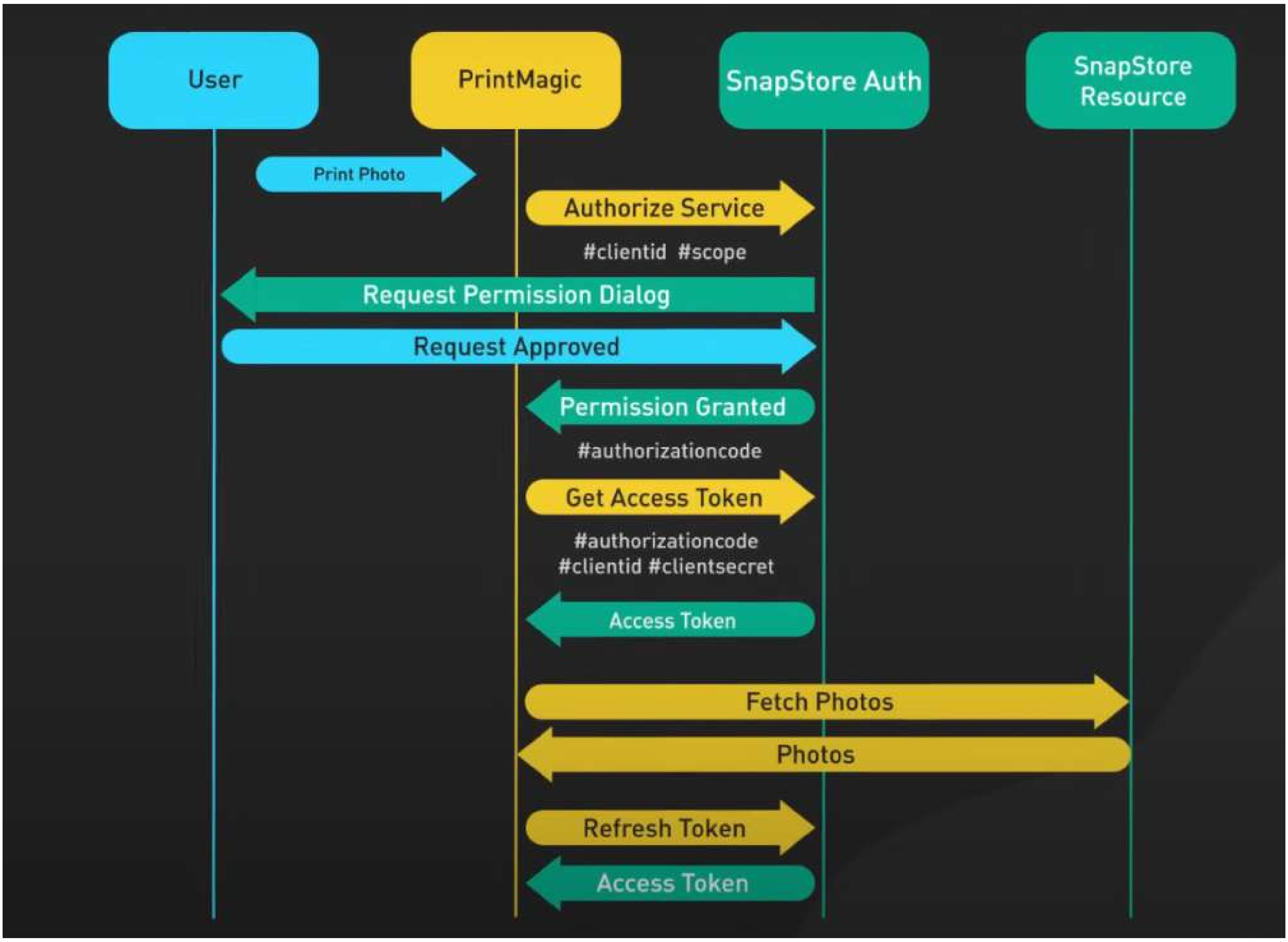
Permission Granted

#authorizationcode

Get Access Token

#authorizationcode
#clientid #clientsecret


User
PrintMagic
SnapStore Auth
SnapStore Resource
Print Photo
Authorize Service
#clientid #scope
Request Permission Dialog
Request Approved
Permission Granted
#authorizationcode
Get Access Token
#authorizationcode
#clientid #clientsecret
Access Token
Fetch Photos
Photos



User

PrintMagic

SnapStore Auth

SnapStore Resource

Print Photo

Authorize Service

#clientid #scope

Request Permission Dialog

Request Approved

Permission Granted

#authorizationcode

Get Access Token

#authorizationcode
#clientid #clientsecret

Access Token

Fetch Photos

Photos

Refresh Token

Access Token