

Token Based Access

How SURF can leverage OAuth 3.0

SOMETHING
CONNECTS TO
SOMETHING

RESEARCH CLOUD
CONNECTS TO
RESEARCH DRIVE

1

DISCUSSION

FINE GRAINED ACCESS

2

DISCUSSION

SHORT LIVED TOKENS

3

DISCUSSION

CLIENT BOUND TOKENS

4

DISCUSSION

REUSE

INFRASTRUCTURE

COMPONENTS

DEMO

A

GNAP:

OAuth, but ...

a bit more generic

A

GNAP-RS

RESOURCE SET

REGISTRATION



```
POST /resource HTTP/1.1
Host: server.example.com
Content-Type: application/json
Signature-Input: sig1=...
Signature: sig1=...
Digest: ...
```

```
{
  "access": [
    {
      "actions": [
        "read",
        "write",
        "dolphin"
      ],
      "locations": [
        "https://server.example.net/",
        "https://resource.local/other"
      ],
      "datatypes": [
        "metadata",
        "images"
      ]
    },
    "dolphin-metadata"
  ],
  "resource_server": "7C7C4AZ9KHS6X63AJA0"
}
```

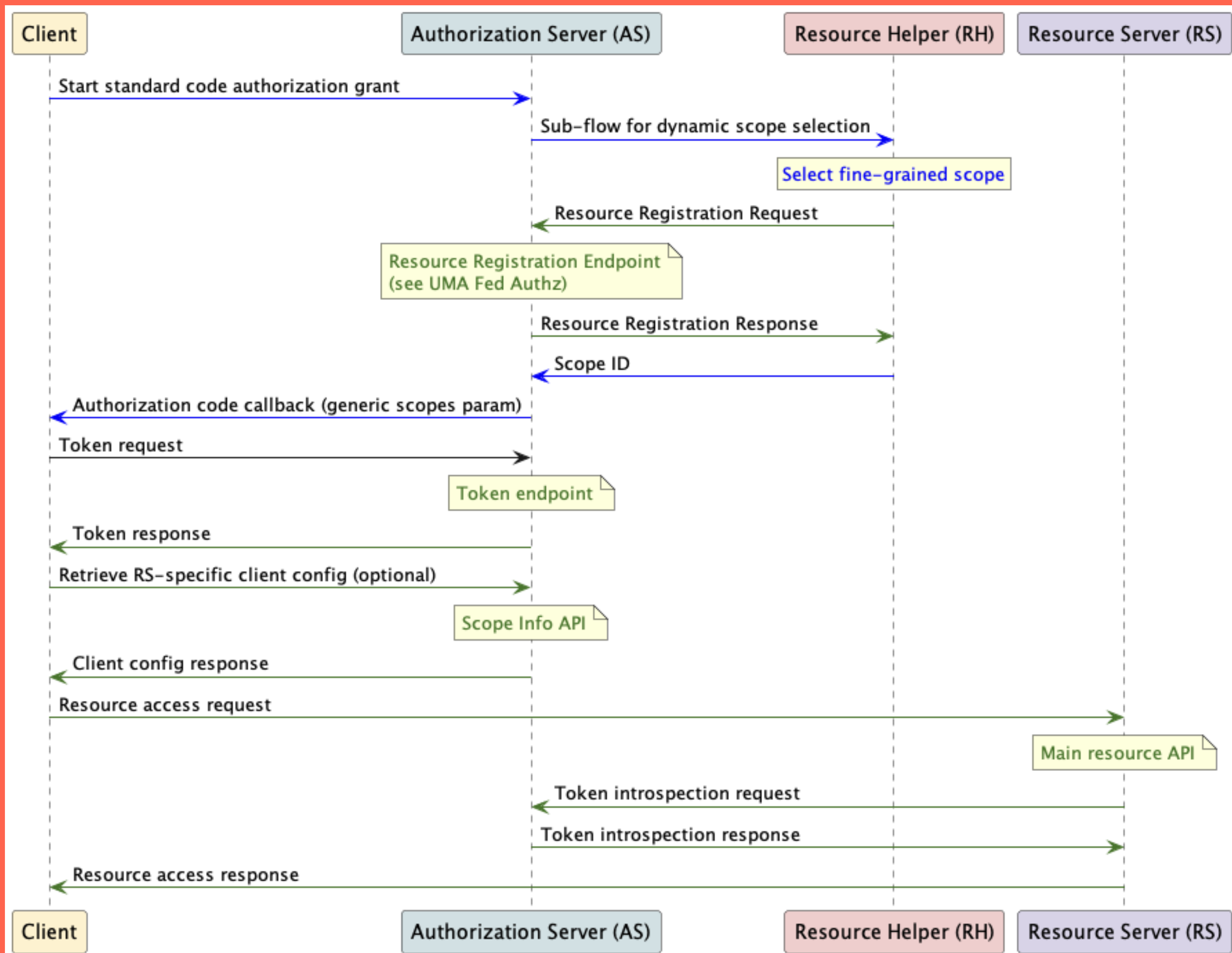
B

SUB DANCE

INSTEAD OF

PRE DANCE

B



B OR
SURF-HOSTED
PRE DANCE?

B

WHERE
ARE YOU
GOING?

C

UNIFY TRIUPLE

AUTHENTICATION

... OR NOT?