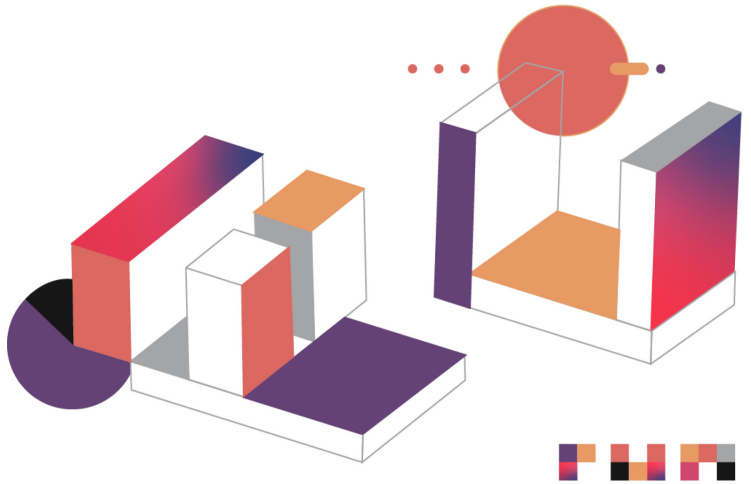
Web Apps on SAP BTP 101

Marius Obert, Developer Advocate

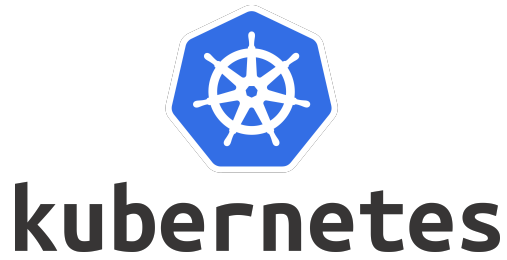
SAP SE



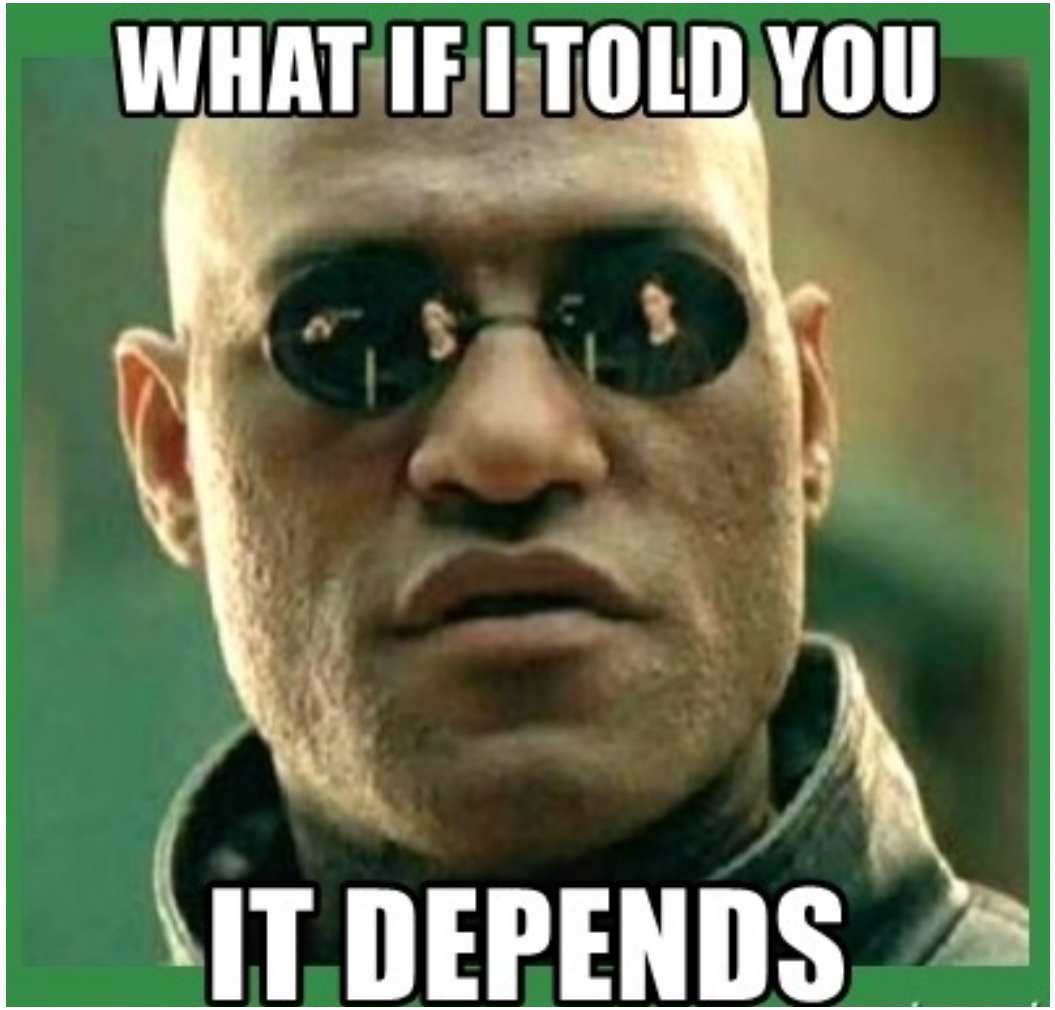
Agenda

- Platforms for your Fundamentals Apps
- SAP BTP services you need to know
- Hosting Fundamentals Apps on SAP BTP

Platforms for your Fundamentals Apps



Platforms for your Fundamentals Apps



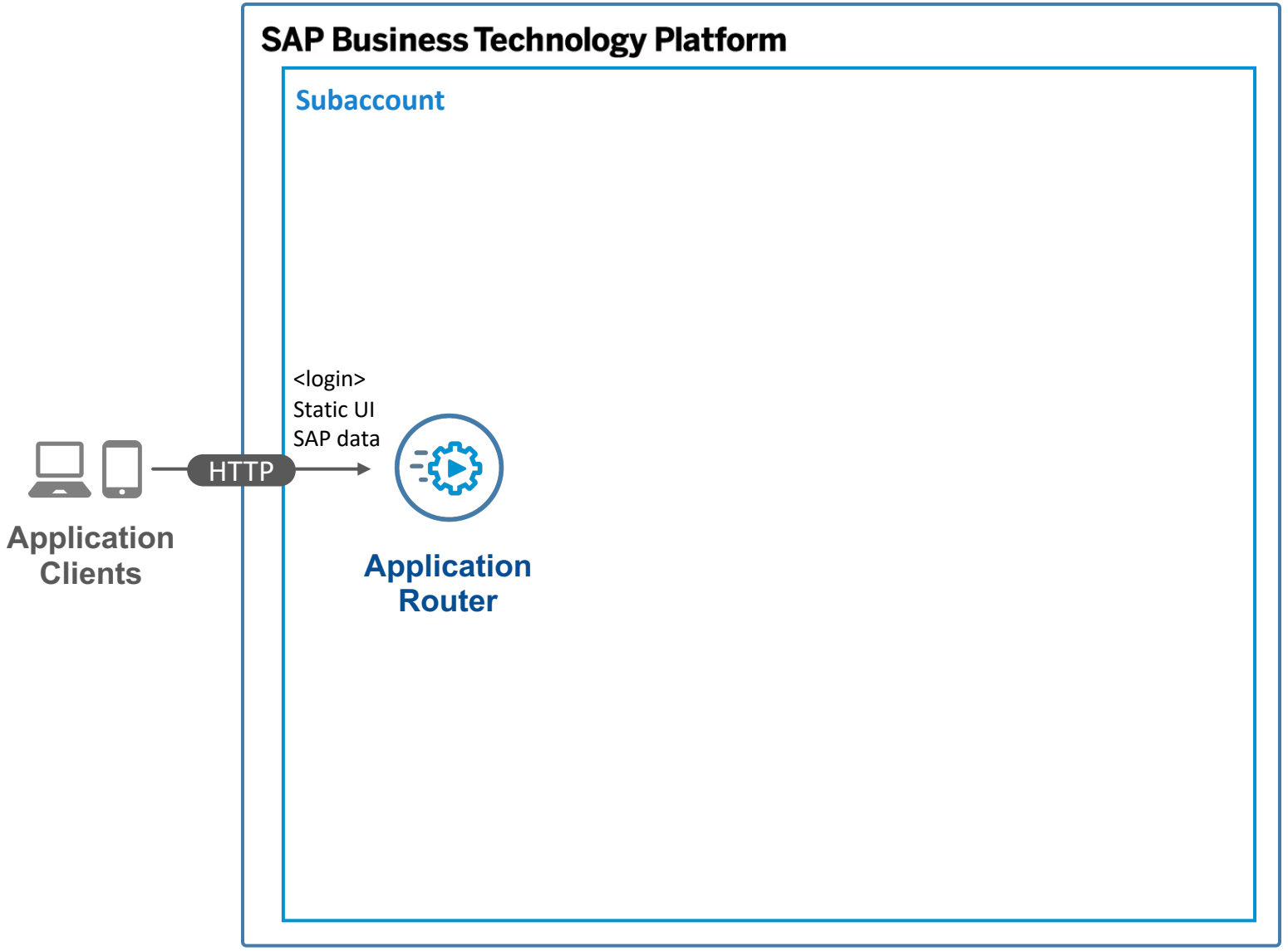
SAP BTP services you need to know

User Account and Authentication service

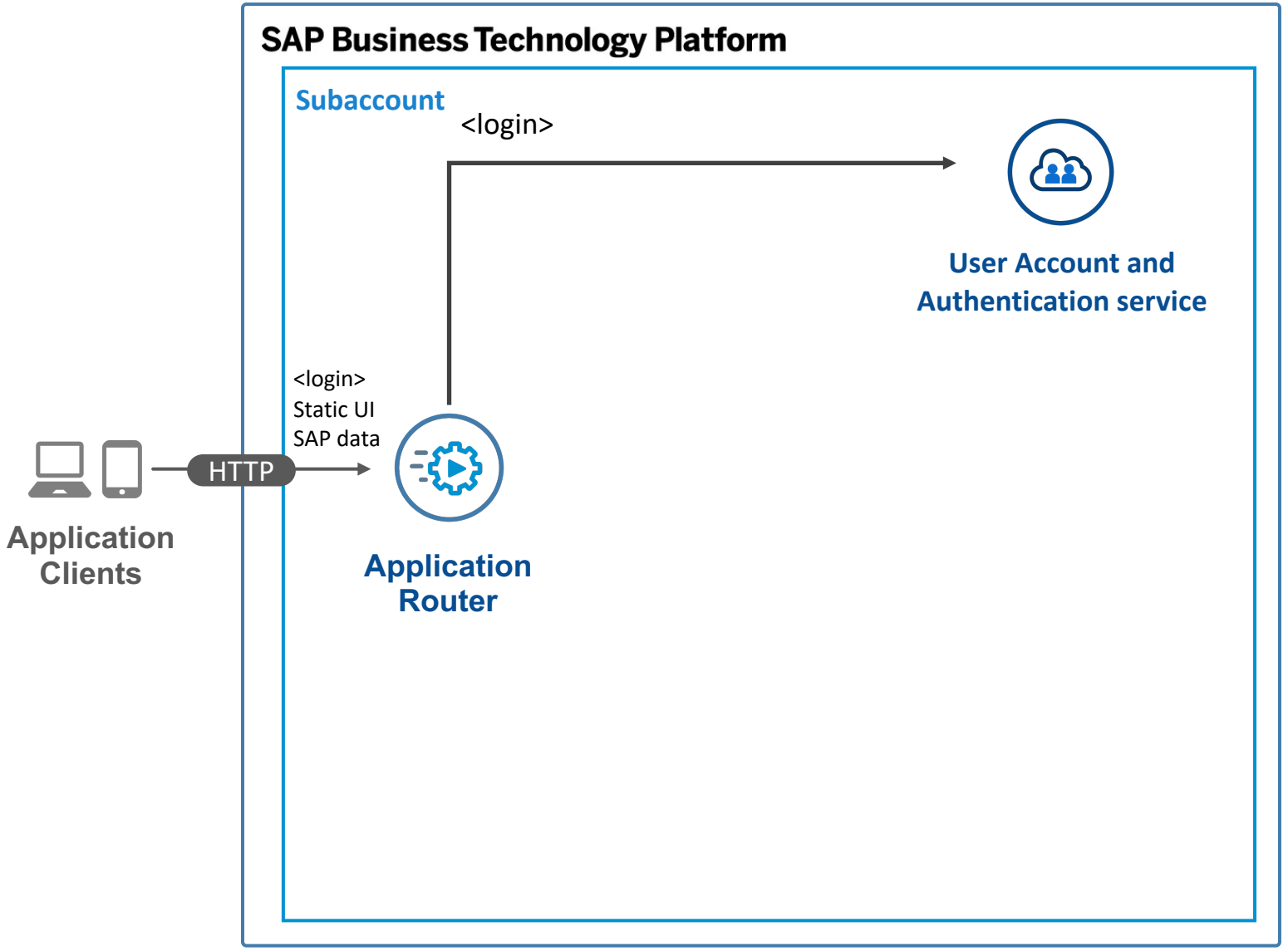
HTML5 Application Repository

Destination service

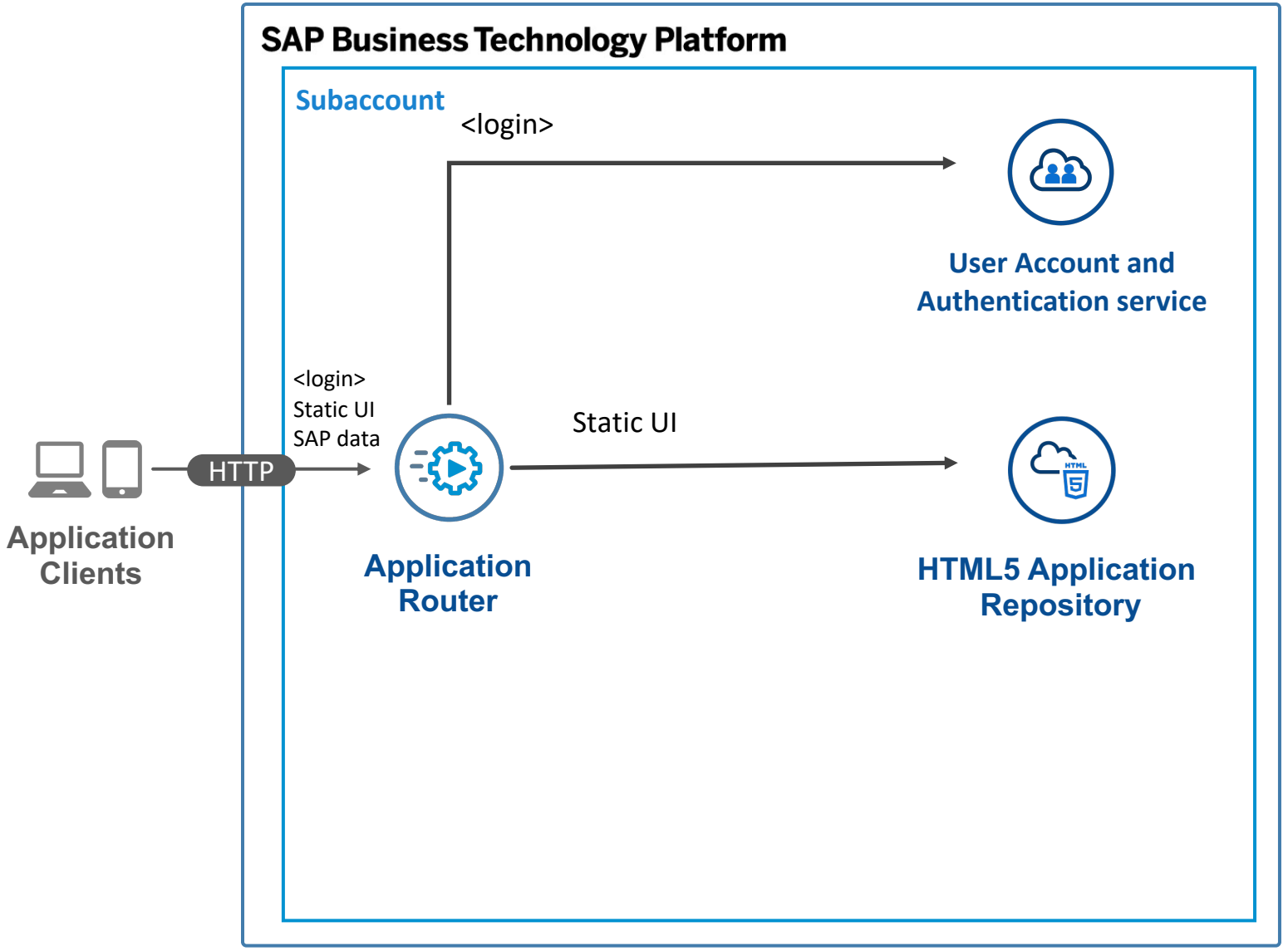
Standalone Approuter



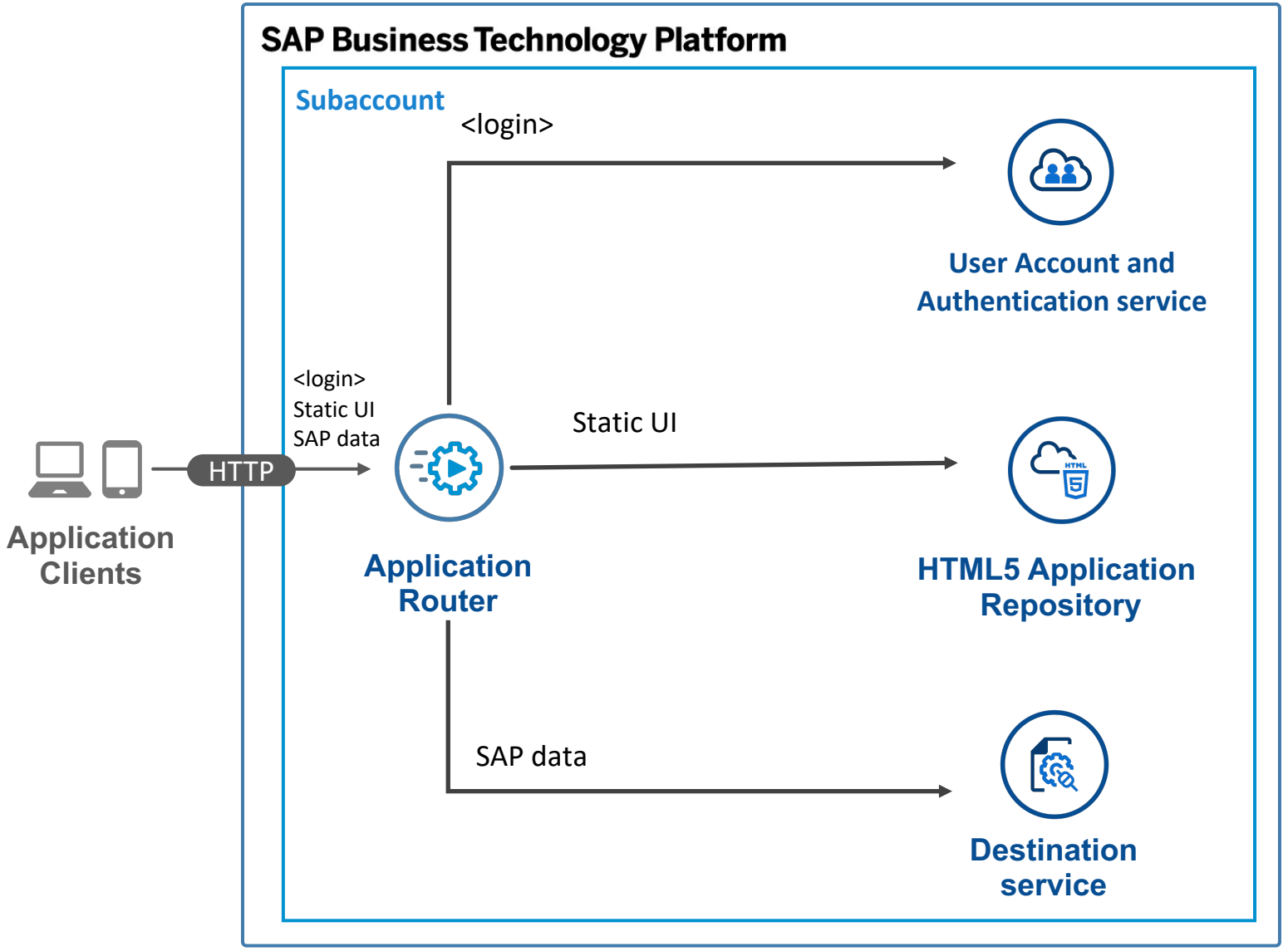
Standalone Approuter



Standalone Approuter



Standalone Approuter



Standalone Approuter

Configuration

xs-app.json

standalone-approuter-html5-runtime-mta-hello-world > router > xs-app.json > ...

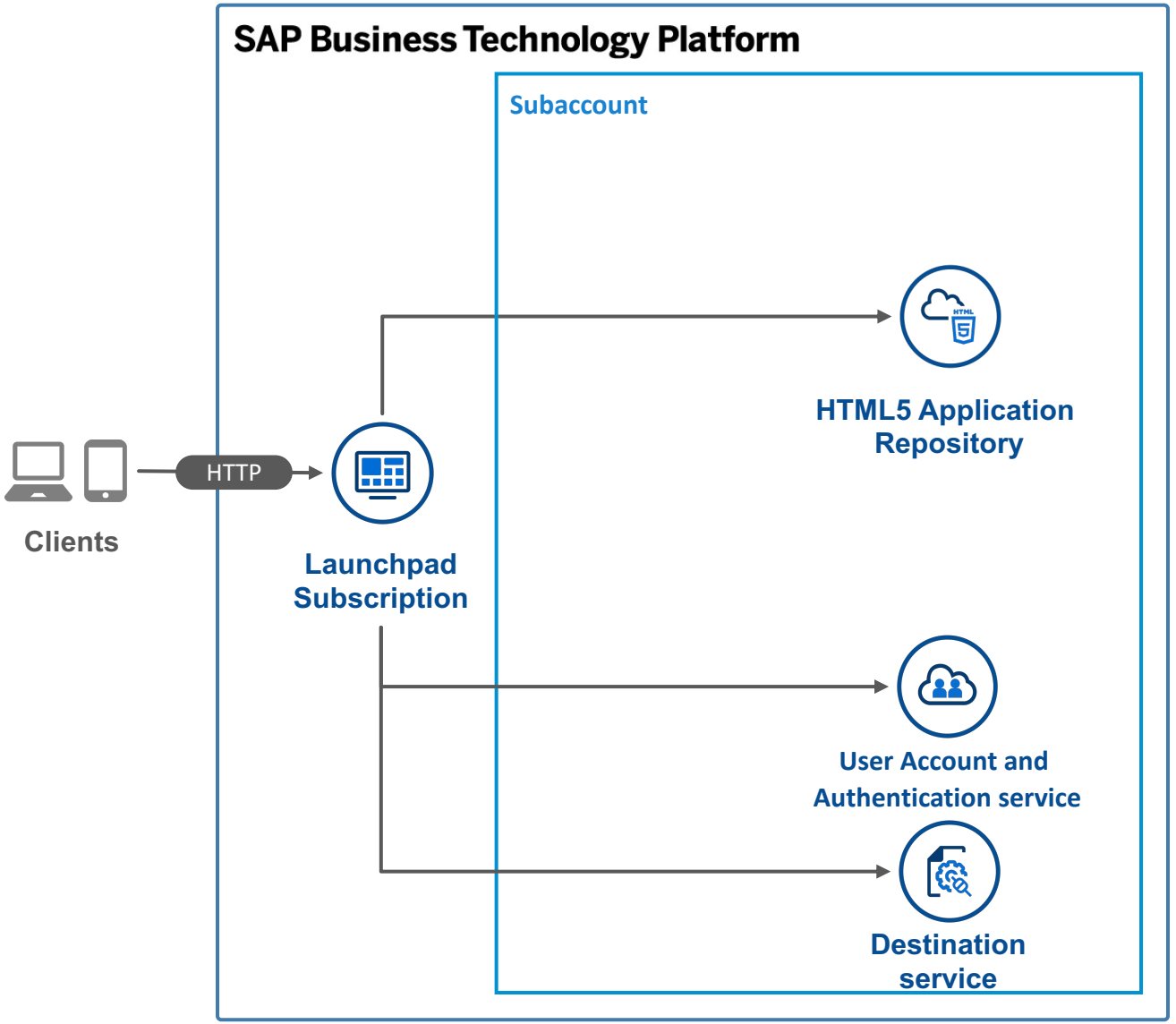
```
{
  "welcomeFile": "/helloworldapprouter/index.html",
  "authenticationMethod": "route",
  "routes": [
    {
      "authenticationType": "none",
      "csrfProtection": false,
      "source": "^/v2/(.*)$",
      "destination": "Northwind"
    },
    {
      "source": "^(.*)$",
      "target": "$1",
      "service": "html5-apps-repo-rt",
      "authenticationType": "xsuaa"
    }
  ]
}
```

User Account and Authentication service

Destination service

HTML5 Application Repository

Managed Approuter



Managed Approuter

Configuration

xs-app.json

managed-html5-runtime-fiori-mta > HTML5Module > xs-app.json > ...

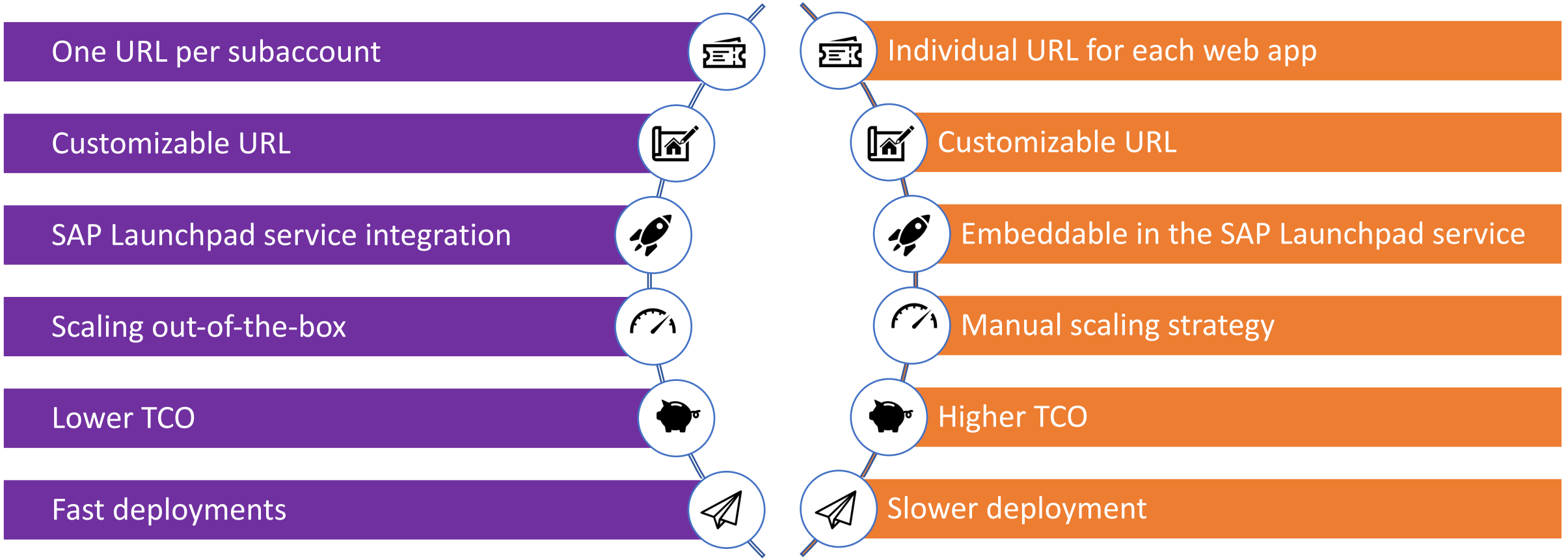
```
{
  "welcomeFile": "/index.html",
  "authenticationMethod": "route",
  "routes": [
    {
      "authenticationType": "none",
      "csrfProtection": false,
      "source": "^/v2/(.*)$",
      "destination": "Northwind"
    },
    {
      "source": "^(.*)$",
      "target": "$1",
      "service": "html5-apps-repo-rt",
      "authenticationType": "xsuaa"
    }
  ]
}
```

User Account and Authentication service

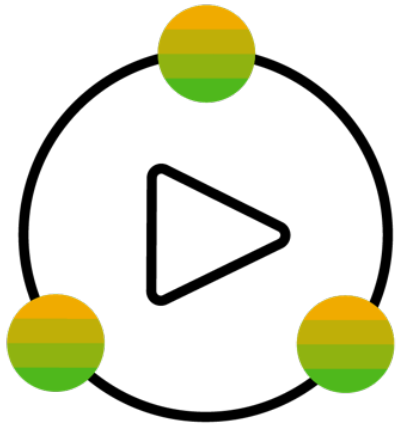
Destination service

HTML5 Application Repository

Managed vs Standalone Approuter



Demo



Continue learning

Serverless SAP Fiori Apps in SAP Cloud Platform
HTML5 Application Repository for non-UI5 apps (part 2 here)
Managed Approuter vs. Standalone Approuter

HTML5 Sample Apps on GitHub

Recorded Session about the HTML5 Application Repository

DIY:

Developer Center, Tutorial (With SAP Business Application Studio), Tutorial (With Local Tools and Approuter)

Thank you.

Contact information:
Marius Obert
Developer Advocate

@IObert_

people.sap.com/mariusobert

marius.obert@sap.com