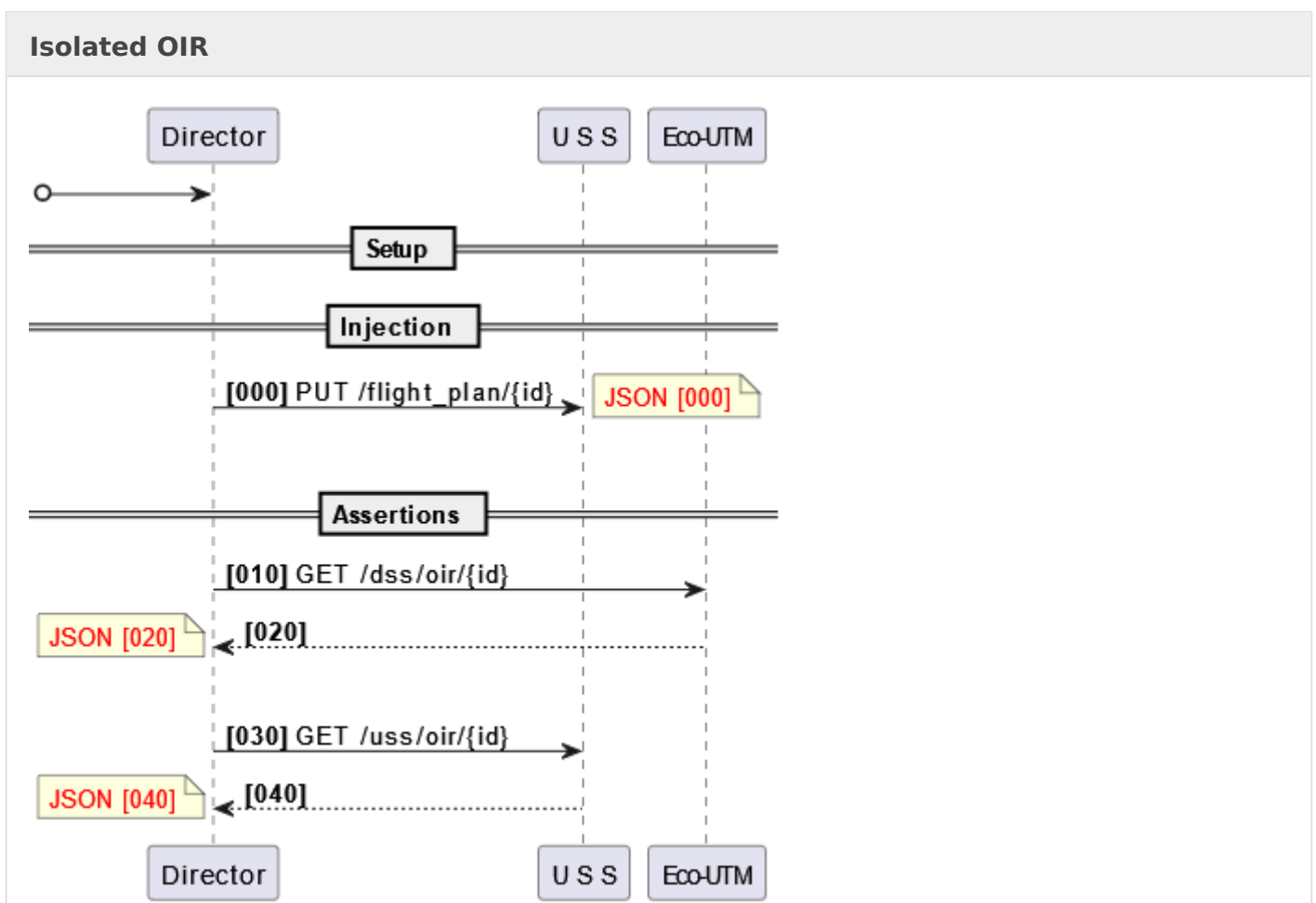


[TP] - Strategic Deconfliction

- Deconfliction OpenAPI: <https://github.com/dp-icea/Protocols/tree/main/utm>
- Injection OpenAPI:
https://github.com/interuss/automated_testing_interfaces/tree/4e07f46eb4452da761fb1658d3775d801d19312b/flight_planning/v1

SCD

Case scd-1 - Isolated OIR:



JSON [000]

```
{  
  "chave":"valor"  
}
```

JSON [020]

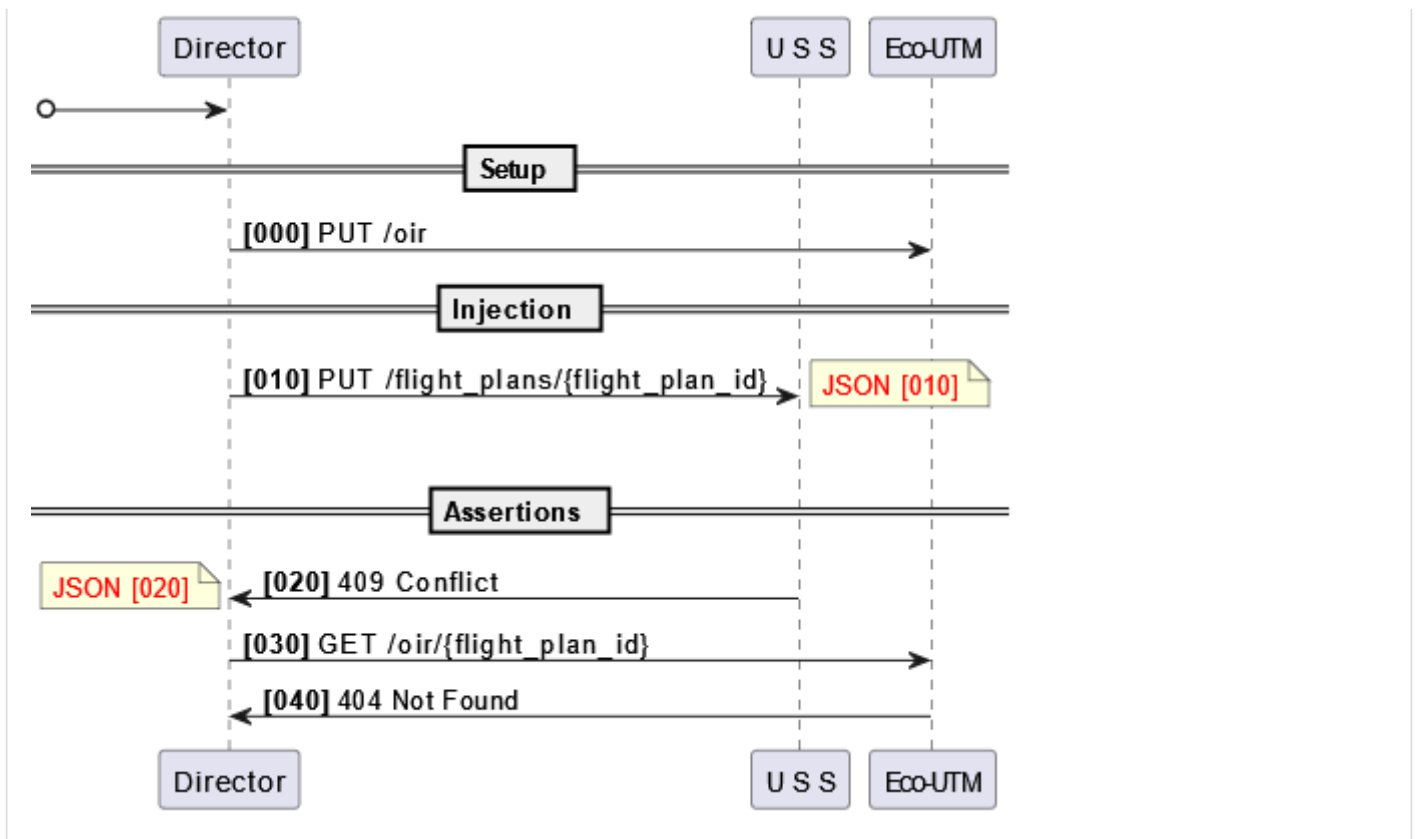
```
{  
  "chave":"valor"  
}
```

JSON [040]

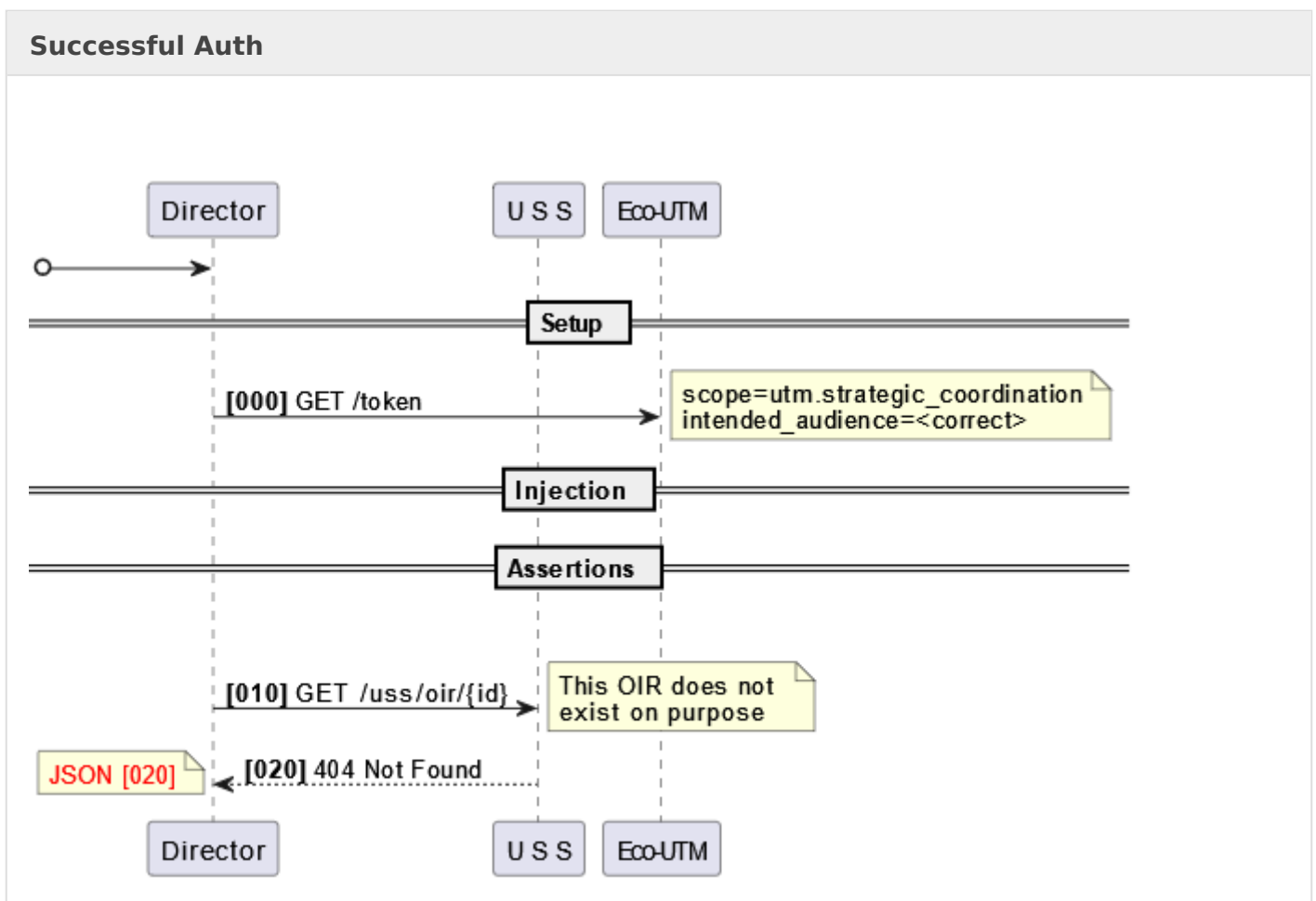
```
{  
  "chave":"valor"  
}
```

Case scd-2 - Conflict OIR:

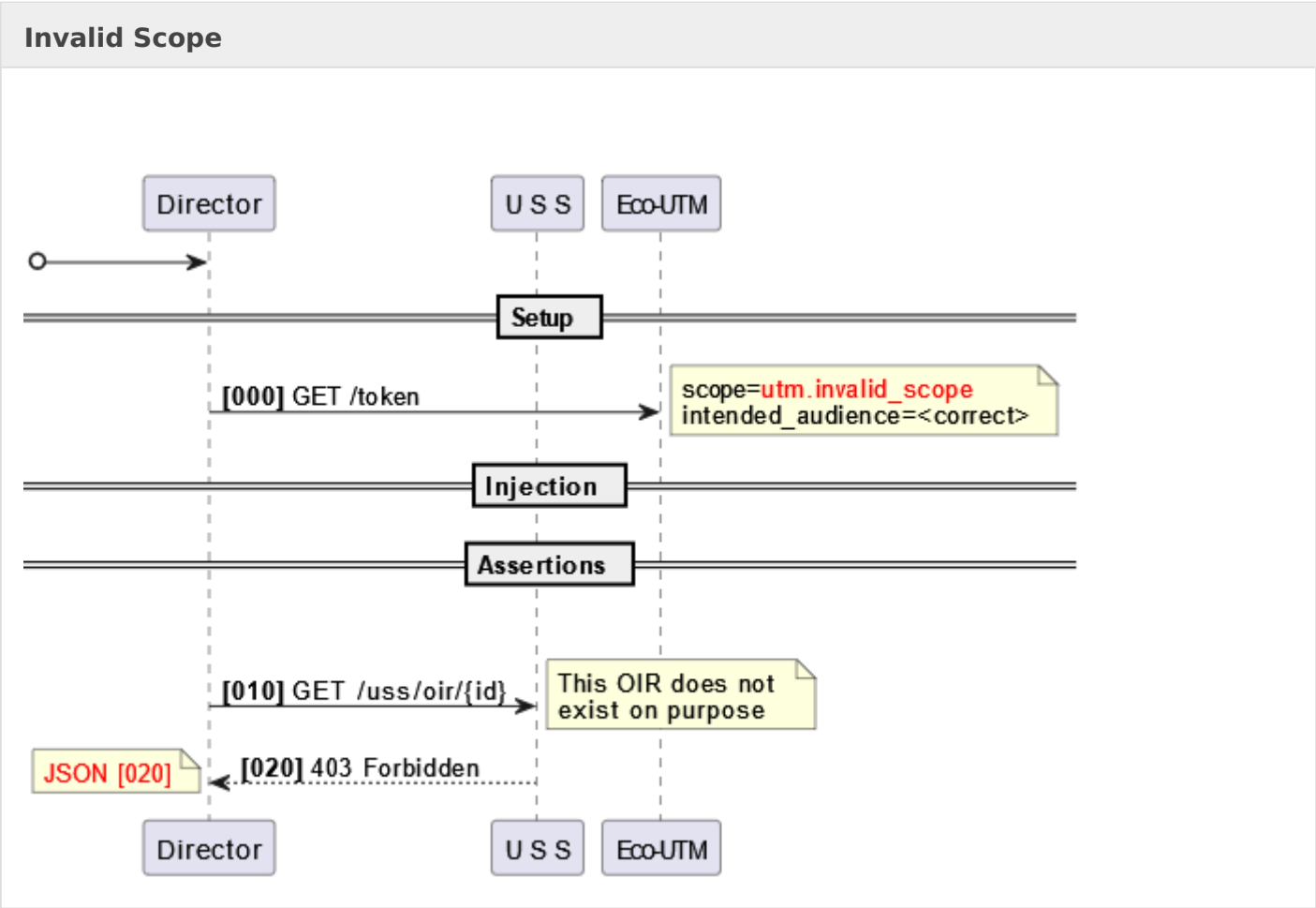
Conflict OIR - Not implemented



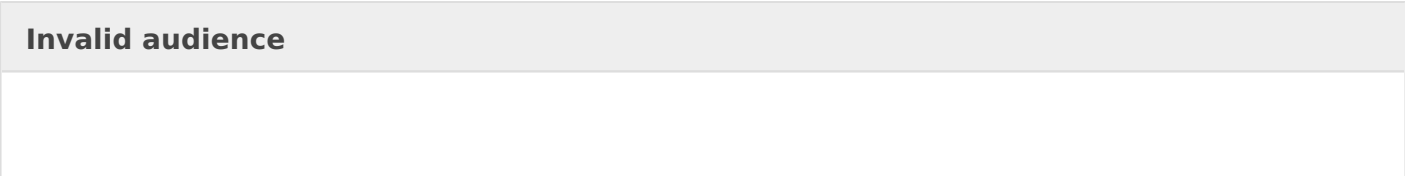
Case auth-1 - Successful Auth

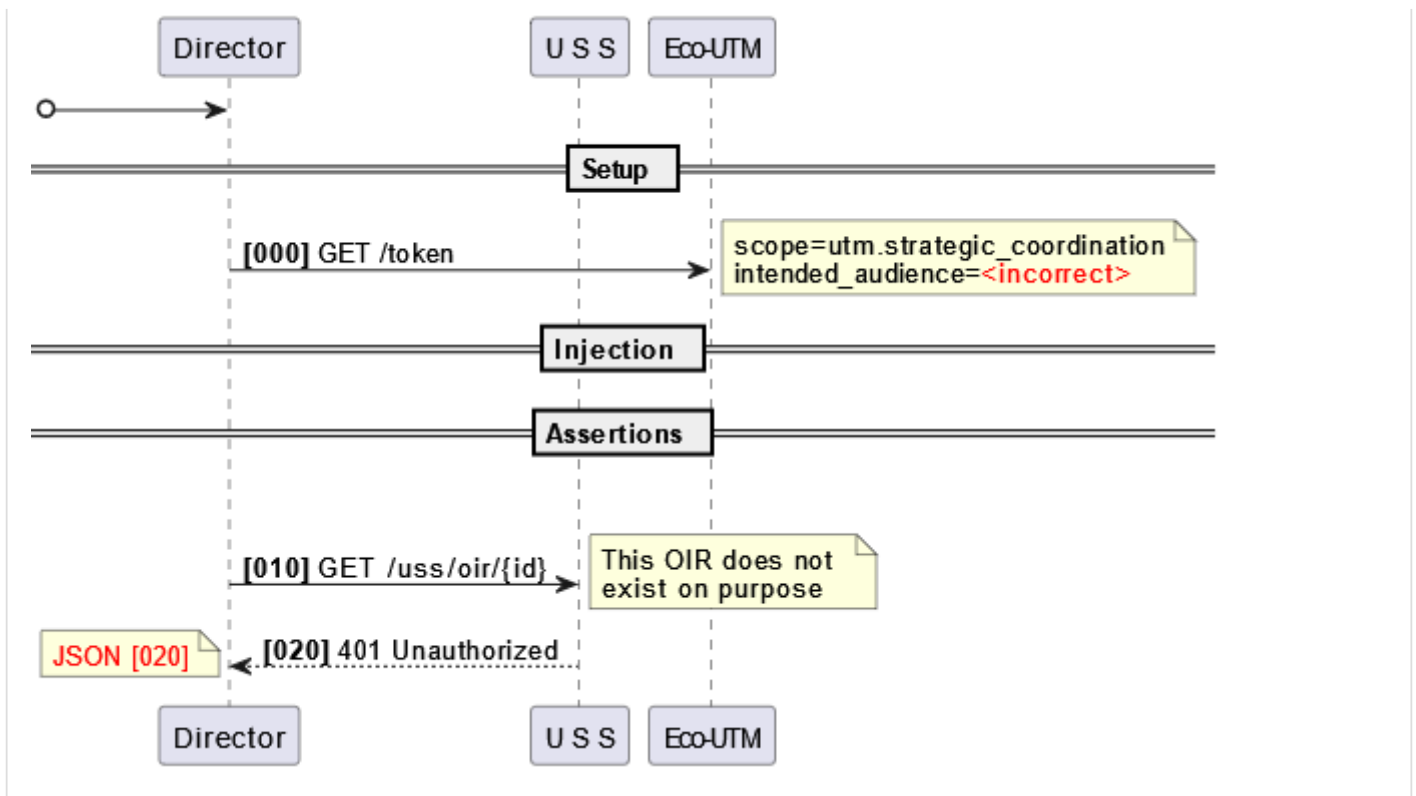


Case auth-2 - Invalid Scope



Case auth-3 - Invalid audience

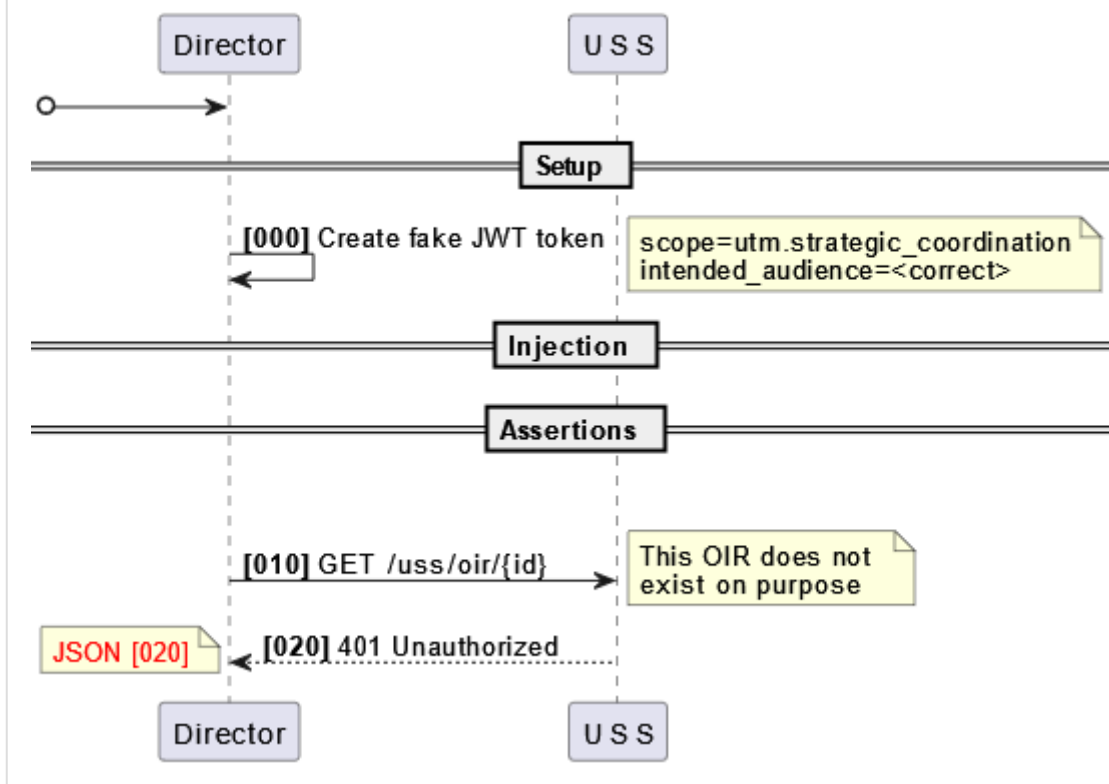




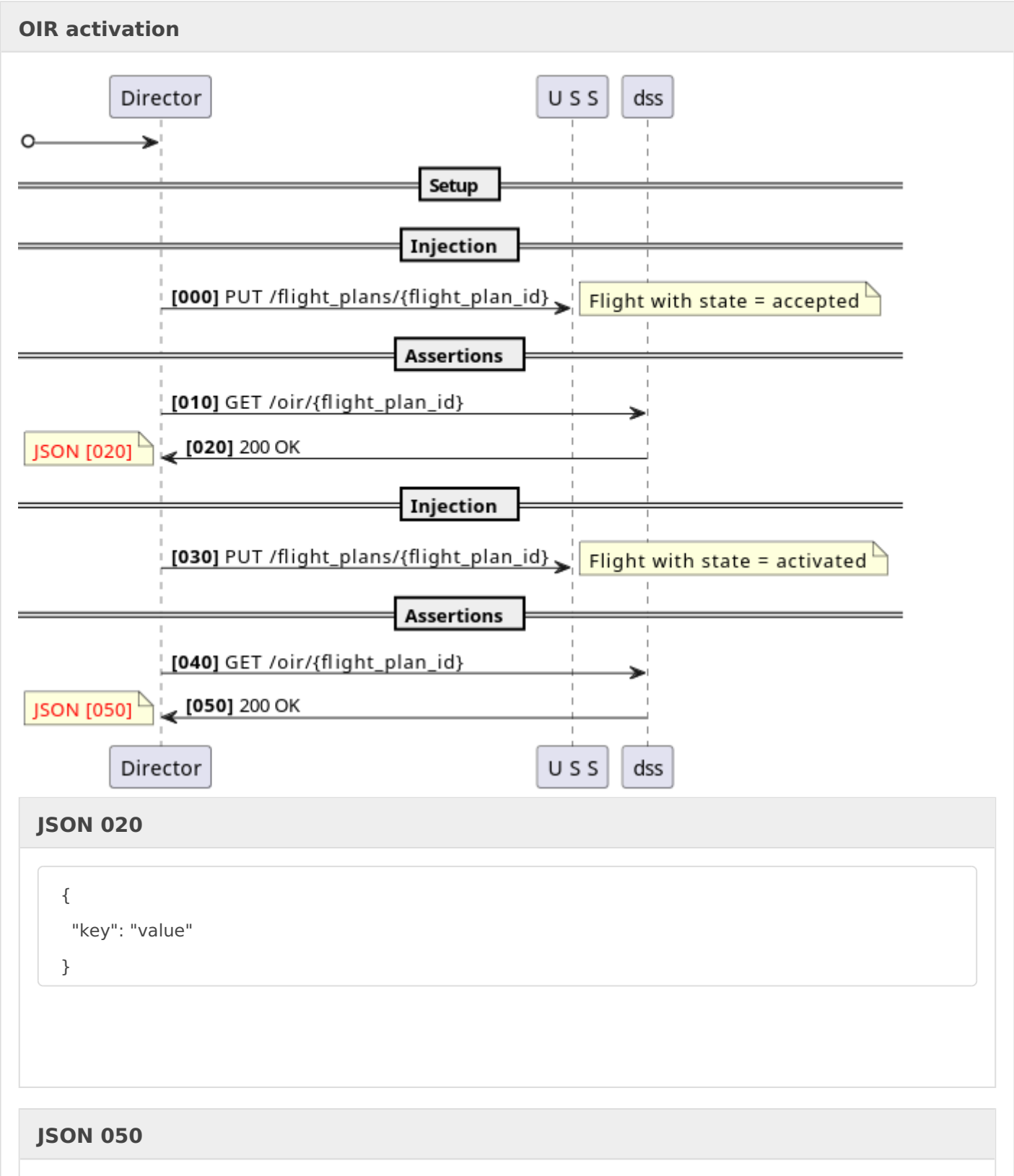
Case auth-4 - Invalid token signature

Invalid token signature

In this test, the director creates an invalid token, that was not issued by an authorized token provider.

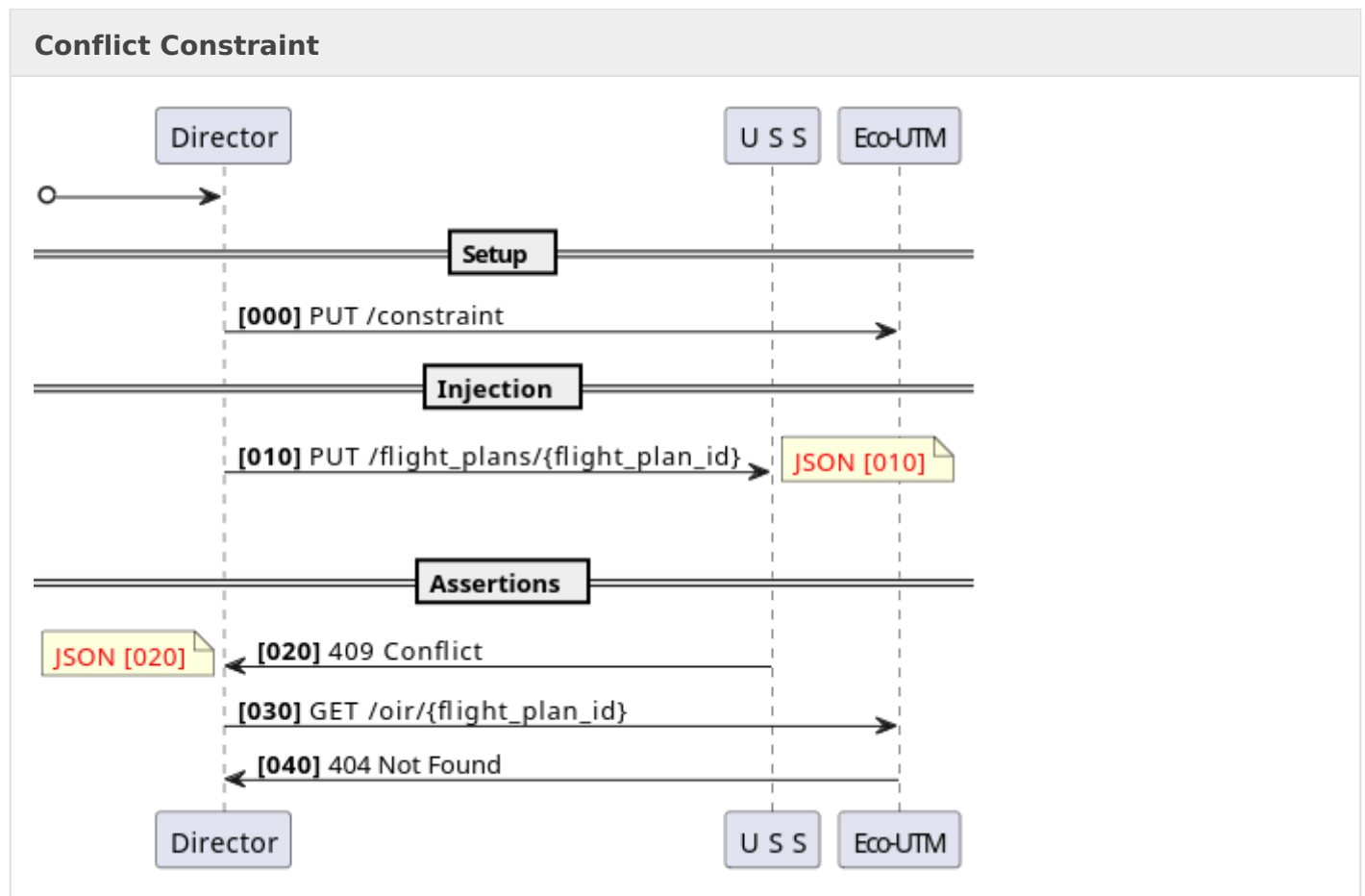


Case oir - OIR activation

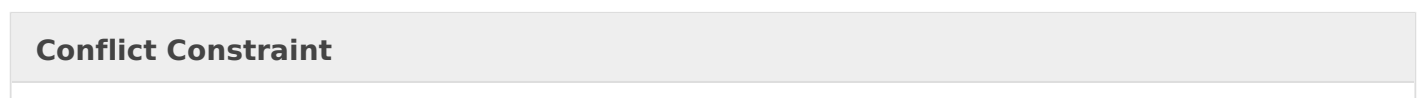


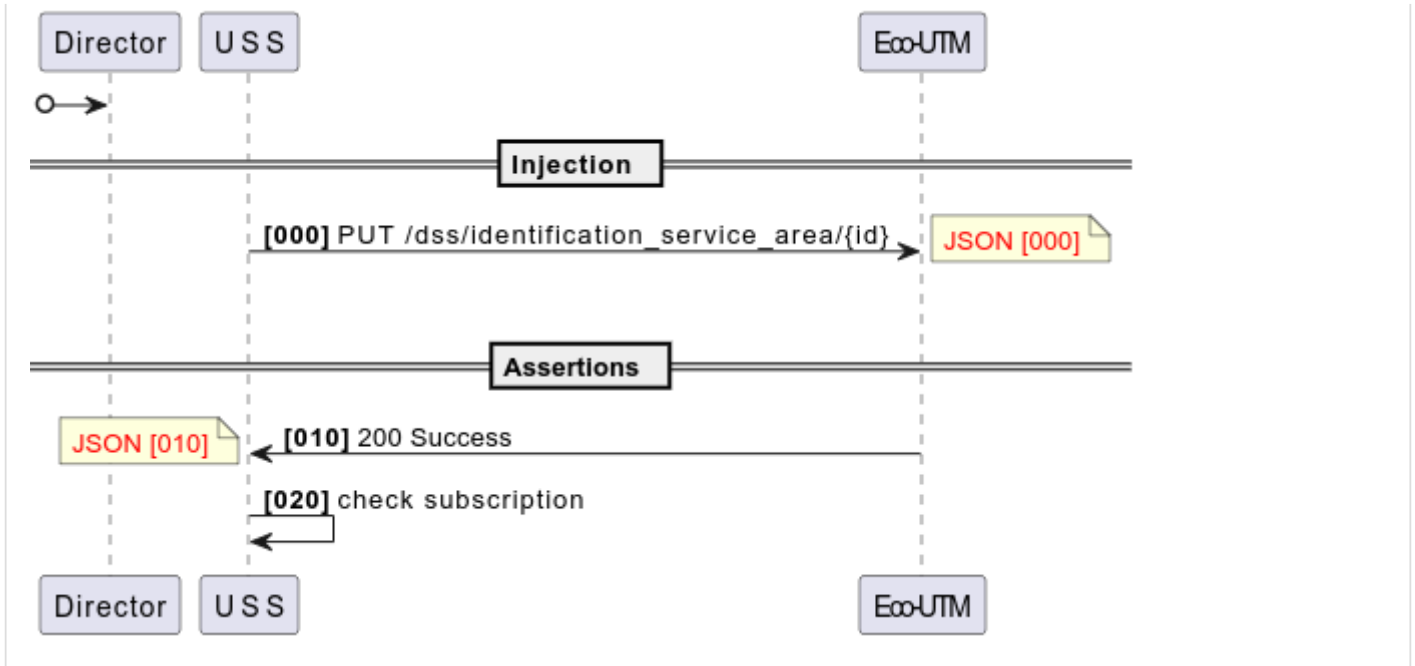
```
{
  "key": "value"
}
```

Case oir - Conflict Constraint:

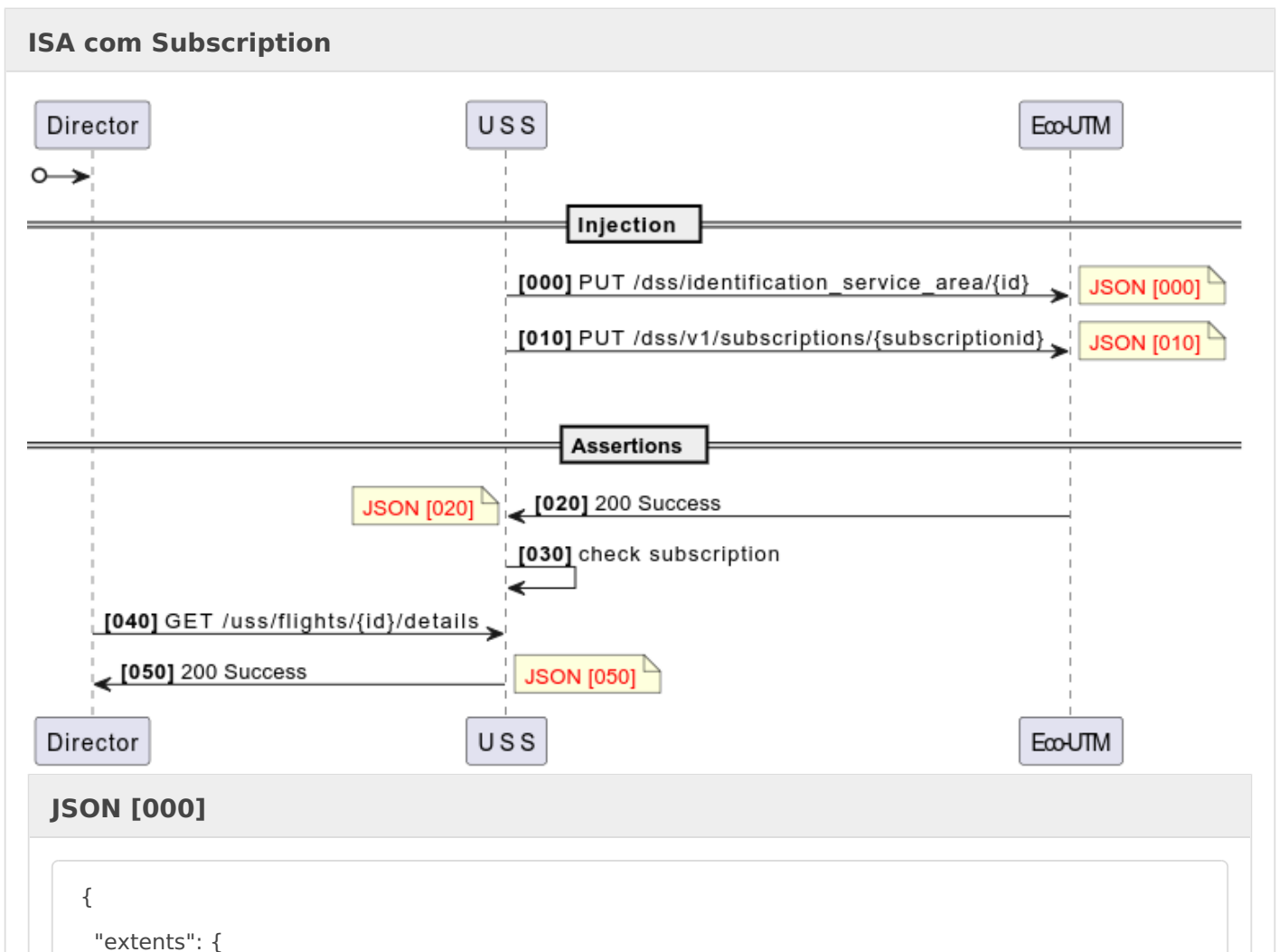


Case ISA 1 - without subscription





Case ISA 2 - with subscription




```
"volume": {
  "outline_circle": {
    "center": {
      "lng": -118.456,
      "lat": 34.123
    },
    "radius": {
      "value": 300.183,
      "units": "M"
    }
  },
  "outline_polygon": {
    "vertices": [
      {
        "lng": -118.456,
        "lat": 34.123
      },
      {
        "lng": -118.456,
        "lat": 34.123
      },
      {
        "lng": -118.456,
        "lat": 34.123
      }
    ]
  },
  "altitude_lower": {
    "value": 19.5,
    "reference": "W84",
    "units": "M"
  },
  "altitude_upper": {
    "value": 19.5,
    "reference": "W84",
    "units": "M"
  }
},
```

```
"time_start": {
  "value": "1985-04-12T23:20:50.52Z",
  "format": "RFC3339"
},
"time_end": {
  "value": "1985-04-12T23:20:50.52Z",
  "format": "RFC3339"
}
},
"uss_base_url": "https://example.com/rid"
}
```

JSON [010]

```
{
  "extents": {
    "volume": {
      "outline_circle": {
        "center": {
          "lng": -118.456,
          "lat": 34.123
        },
        "radius": {
          "value": 300.183,
          "units": "M"
        }
      },
      "outline_polygon": {
        "vertices": [
          {
            "lng": -118.456,
            "lat": 34.123
          },
          {
            "lng": -118.456,
```

```
    "lat": 34.123
  },
  {
    "lng": -118.456,
    "lat": 34.123
  }
]
},
"altitude_lower": {
  "value": 100000,
  "reference": "W84",
  "units": "M"
},
"altitude_upper": {
  "value": 100000,
  "reference": "W84",
  "units": "M"
}
},
"time_start": {
  "value": "1985-04-12T23:20:50.52Z",
  "format": "RFC3339"
},
"time_end": {
  "value": "1985-04-12T23:20:50.52Z",
  "format": "RFC3339"
}
},
"uss_base_url": "https://uss.example.com/utm",
"notify_for_operational_intents": false,
"notify_for_constraints": false
}
```

```
{
  "extents": {
    "volume": {
      "outline_circle": {
        "center": {
          "lng": -118.456,
          "lat": 34.123
        },
        "radius": {
          "value": 300.183,
          "units": "M"
        }
      },
      "outline_polygon": {
        "vertices": [
          {
            "lng": -118.456,
            "lat": 34.123
          },
          {
            "lng": -118.456,
            "lat": 34.123
          },
          {
            "lng": -118.456,
            "lat": 34.123
          }
        ]
      },
      "altitude_lower": {
        "value": 19.5,
        "reference": "W84",
        "units": "M"
      },
      "altitude_upper": {
        "value": 19.5,
```

```
    "reference": "W84",
    "units": "M"
  },
  "time_start": {
    "value": "1985-04-12T23:20:50.52Z",
    "format": "RFC3339"
  },
  "time_end": {
    "value": "1985-04-12T23:20:50.52Z",
    "format": "RFC3339"
  }
}
```

JSON [050]

```
{
  "details": {
    "id": "b41f2785-1182-4c2e-82d5-f72f754b3fe2.0dfe0e82-fd7a-44d9-af17-7fdd42751b45",
  },
  "uas_id": {
    "registration_id": "PR-333334433",
  },
  "operator_id": "HUKMBB",
  "operator_location": {
    "position": {
      "lng": -118.456,
      "lat": 34.123
    },
    "altitude": {
      "value": 19.5,
      "reference": "W84",
    }
  }
}
```

```
    "units": "M"  
  },  
  "altitude_type": "Takeoff"  
},  
"operation_description": "Descrição do voo, mesma descrição informada no SARPAS"  
}  
}
```

Revision #17

Created 5 November 2024 13:23:51 by Rafael Albarello

Updated 13 November 2024 14:36:59 by Fernanda Serra