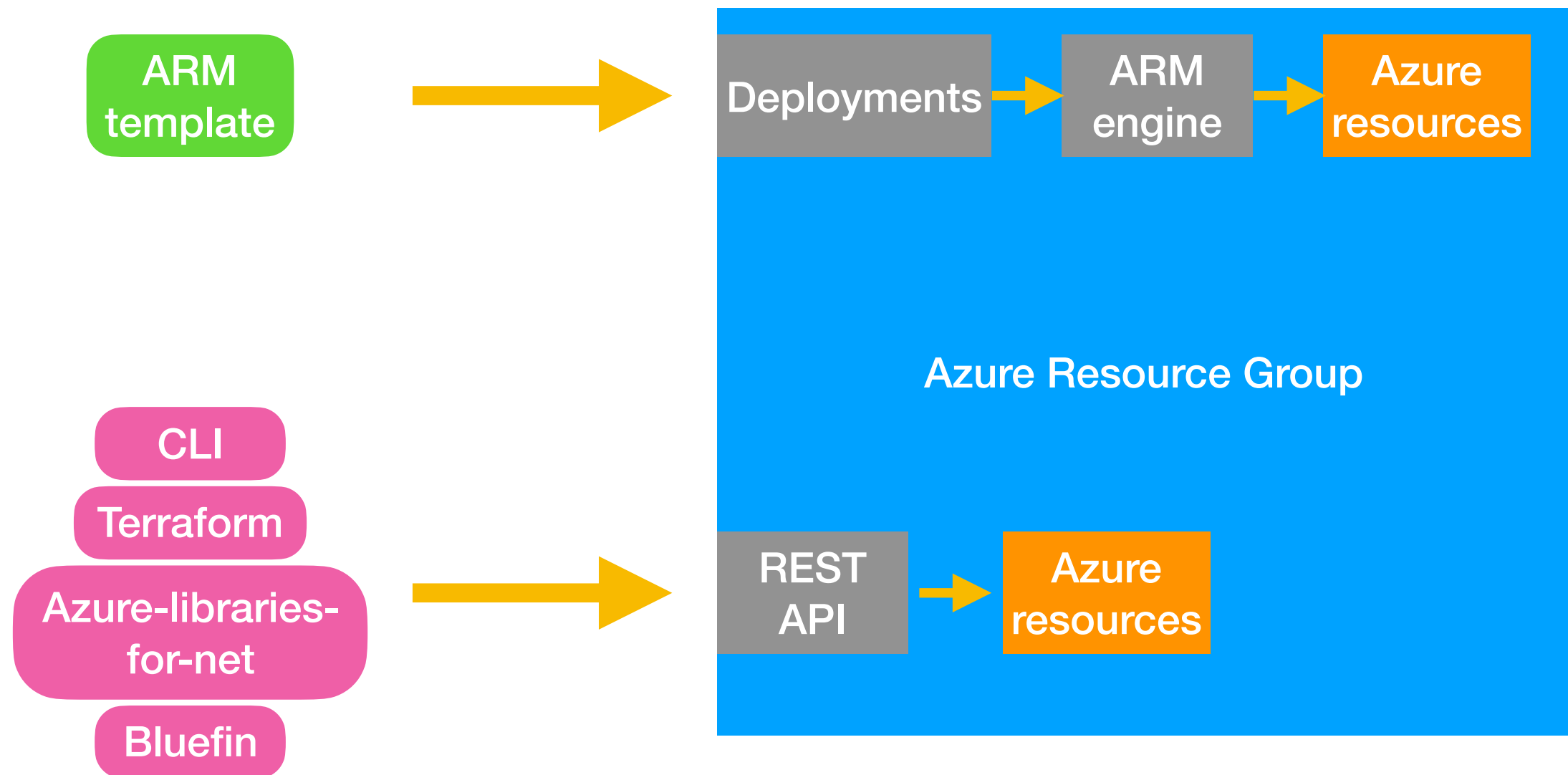


# Azure REST API



# Azure Management



# Hvorfor

- Nye funksjoner kommer først til Azure REST API
- Bugs i Azure CLI
- Spesial/management applikasjoner

🔍 Filter by title

Getting Started with REST

- Advisor
- AKS
- Analysis Services
- API Management
- App Service
- Application Gateway
- Application Insights
- Authorization
- Automation
- Azure Kusto
- Azure NetApp Files
- Azure Resource Graph
- Azure Stack Admin
- Batch AI
- Batch Management
- Batch Service
- Billing
- Blockchain
- Blueprints
- CDN

# Azure REST API Reference

05/24/2019 • 15 minutes to read •  +6

Welcome to the Azure REST API Reference.

Representational State Transfer (REST) APIs are service endpoints that support sets of HTTP operations (methods), which provide create, retrieve, update, or delete access to the service's resources. This article walks you through:

- How to call Azure REST APIs with Postman
- The basic components of a REST API request/response pair.
- How to register your client application with Azure Active Directory (Azure AD) to secure your REST requests.
- Overviews of creating and sending a REST request, and handling the response.

## ⓘ Note

Most Azure service REST APIs have client libraries that provide a native interface for using Azure services.

[.NET](#)

[Java](#)

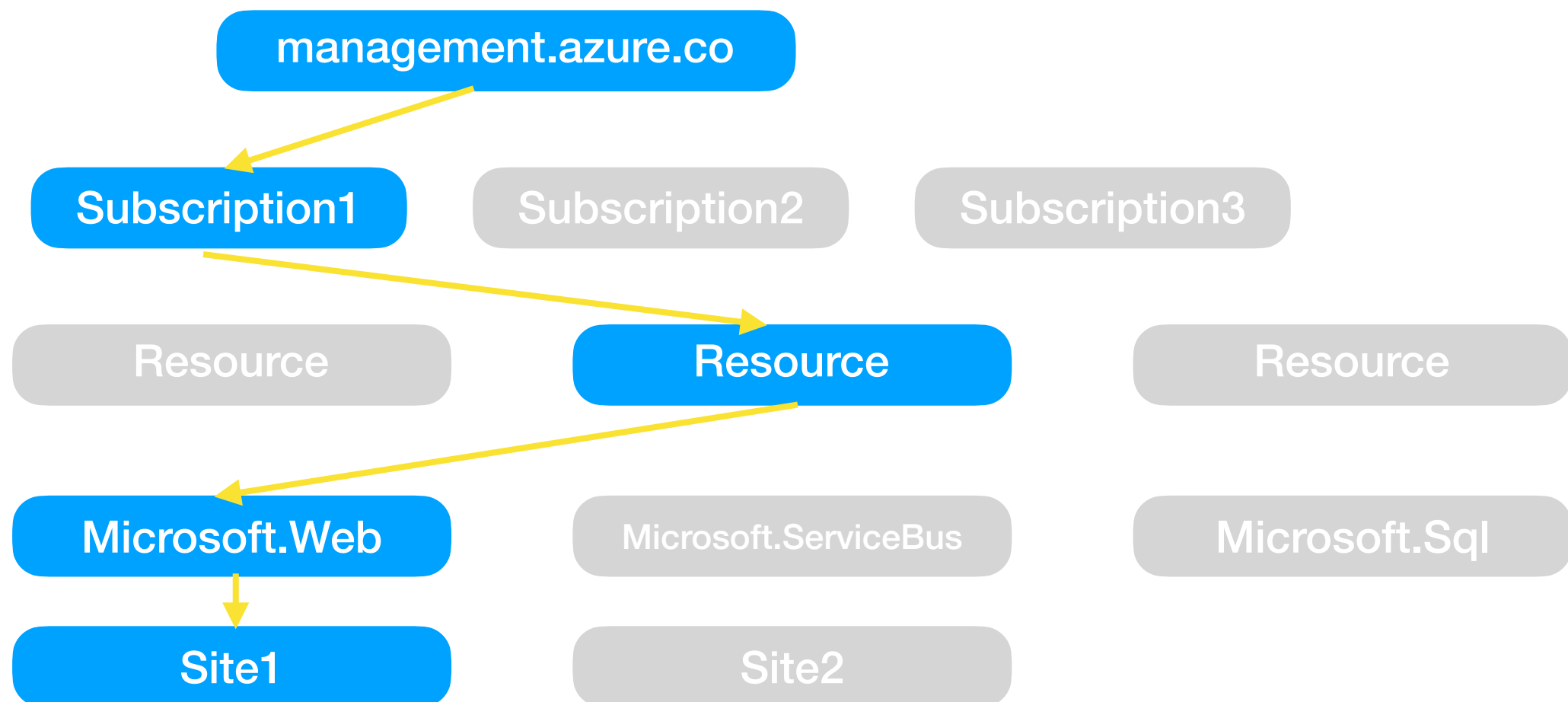
[Node.js](#)

[Python](#)

[Azure CLI 2.0 SDK](#)

# URL

**GET https://management.azure.com/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.Web/sites/{name}?api-version=2016-08-01**



# Authorization

- OpenID Connect
- Azure AD
- Access Tokens
- Client Credentials Flow - service principal

# Service Principal

```
az ad sp create-for-rbac -n demouser --password password --skip-assignment
```

```
appId: 72e85d8f-f951-4b02-af5d-6d145f945701  
tenant: 476d4d6f-1713-4f44-8ce5-a1edc9ac56e6
```

# Access token

POST

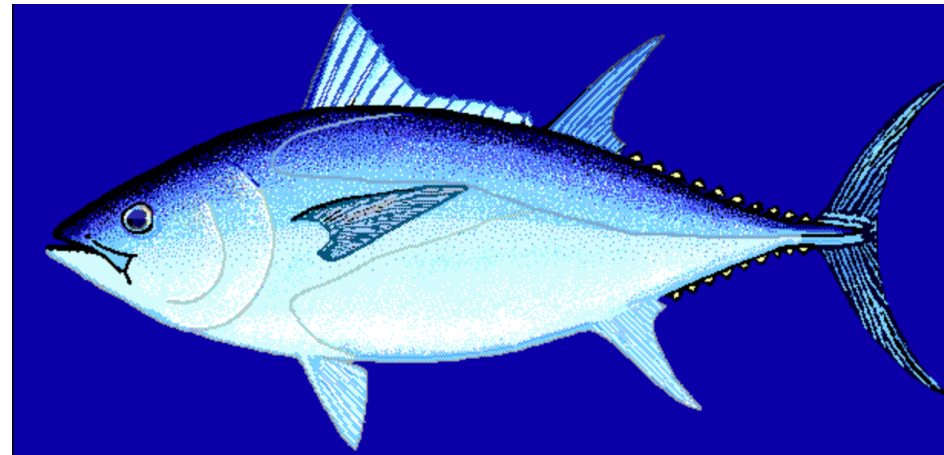
<https://login.microsoftonline.com/<tenantId>/oauth2/token>

grant\_type=client\_credentials&client\_id=<appId>&client\_secret=password

~~&resource=management.azure.com~~



# Thon Hotels - Bluefin





- + providers
- subscriptions
  - novanet Visual Studio Premium with I
  - locations
  - + providers
  - resourceGroups
    - demo
      - providers
        - \* Show all
        - + Microsoft.Resources
        - Microsoft.Web
          - \* Show all
          - + serverfarms
          - sites
- olavs-web-site
  - analyzeCustom
  - + config
  - + containerlogs
  - + continuousweb
  - + deployments
  - + diagnostics
  - + domainOwners
  - + extensions
  - + functions
  - + hostNameBind
  - + hybridConnect
  - hybridConnec
  - + hybridconnect
  - + instances
  - metricdefinitio
  - migrate
  - + migratemysql
  - + networkFeatur
  - + networkTrace
  - perfcounters
  - phplogging
  - + premieraddons
  - + privateAccess

# olavs-web-site

Data (GET, PUT)

Actions (POST, DELETE)

Create

Documentation

PowerShell

Ansible

GET

Edit

<https://management.azure.com/subscriptions/187d6d88-2b74-4702-bb6b-0a894642f922/resourceGroups/demo/providers/Microsoft.Web/sites/olavs-web-site>

```
1 {
2   "id": "/subscriptions/187d6d88-2b74-4702-bb6b-0a894642f922/resourceGroups/demo/providers/Microsoft.Web/sites/olavs-web-site",
3   "name": "olavs-web-site",
4   "type": "Microsoft.Web/sites",
5   "kind": "app",
6   "location": "West Europe",
7   "properties": {
8     "name": "olavs-web-site",
9     "state": "Running",
10    "hostNames": [
11      "olavs-web-site.azurewebsites.net"
12    ],
13    "webSpace": "demo-WestEuropewebspace",
14    "selfLink": "https://waws-prod-am2-117.api.azurewebsites.windows.net:454/subscriptions/187d6d88-2b74-4702-bb6b-0a894642f922/resourceGroups/demo-WestEuropewebspace/sites/olavs-web-site",
15    "repositorySiteName": "olavs-web-site",
16    "owner": null,
17    "usageState": "Normal",
18    "enabled": true,
19    "adminEnabled": true,
20    "enabledHostNames": [
21      "olavs-web-site.azurewebsites.net",
22      "olavs-web-site.scm.azurewebsites.net"
23    ],
24    "siteProperties": {
25      "metadata": null,
26      "properties": [
27        {
28          "name": "LinuxFxVersion",
29          "value": ""
30        },
31        {
32          "name": "WindowsFxVersion",
33          "value": null
34        }
35      ],
36      "appSettings": null
37    },
38    "availabilityState": "Normal",
39    "sslCertificates": null,
```