



Deploy and Manage Bing Custom Search With ARM

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Goal

1. Deploy and manage 'Grounding with Bing Custom Search' using ARM
2. This document gives examples on **Powershell**

Step 1 - login

```
>az login --tenant "yourTenantID"
```

```
>az login --scope https://management.core.windows.net//.default
```

```
>az account set --subscription "subscriptionID"
```

Step 2 – register Bing search as an Azure resource provider

```
>az provider register --namespace 'Microsoft.Bing'
```

Step 3 – prepare ARM template

arm-template.json

```
{  
    "$schema": "http://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#",  
    "contentVersion": "1.0.0.0",  
    "parameters": {  
        "name": { "type": "string" },  
        "location": {  
            "type": "string",  
            "defaultValue": "global"  
        },  
        "sku": { "type": "string" },  
        "resourceTags": { "type": "object" },  
        "apiVersion": { "type": "string"},  
        "kind": { "type": "string"}  
    },  
    "resources": [  
        {  
            "type": "Microsoft.Bing/accounts",  
            "apiVersion": "[parameters('apiVersion')]",  
            "name": "[parameters('name')]",  
            "location": "[parameters('location')]",  
            "tags": "[parameters('resourceTags')]",  
            "sku": { "name": "[parameters('sku')]" },  
            "kind": "[parameters('kind')]"  
        }  
    ]  
}
```

Replace 'Bing-custom2' with
the resource name you want

bing-custom2.json

```
{  
    "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentParameters.json#",  
    "contentVersion": "1.0.0.0",  
    "parameters": {  
        "name": {  
            "value": "Bing-custom2"  
        },  
        "location": {  
            "value": "global"  
        },  
        "sku": {  
            "value": "G2"  
        },  
        "kind": {  
            "value": "Bing.GroundingCustomSearch"  
        },  
        "apiVersion": {  
            "value": "2020-06-10"  
        },  
        "resourceTags": {  
            "value": {  
                "name": "Bing-custom2"  
            }  
        }  
    }  
}
```

Step 4 – get access token

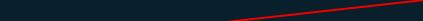
CLI command:

```
➤ az account get-access-token –resource https://management.azure.com/
```

Below is result:

```
{  
  "accessToken": "zzzzzzzz",  
  "expiresOn": "2025-12-12 15:07:45.000000",  
  "expires_on": 1765580865,  
  "subscription": "xxxxxxxx",  
  "tenant": "yyyyyyyy",  
  "tokenType": "Bearer"  
}
```

This token will be needed in later curl REST API



Step 5 – create Bing resource

- This step will create **Bing-custom2** resource in **my-resourcegroup**
- Two methods are introduced

Step 5 – method1, using CLI

```
> az deployment group create ` Replace with your resource group name  
  --resource-group my-resourcegroup `  
  --template-file ./arm-template.json ` Use the json in step3  
  --parameters @bing-custom2.json`
```

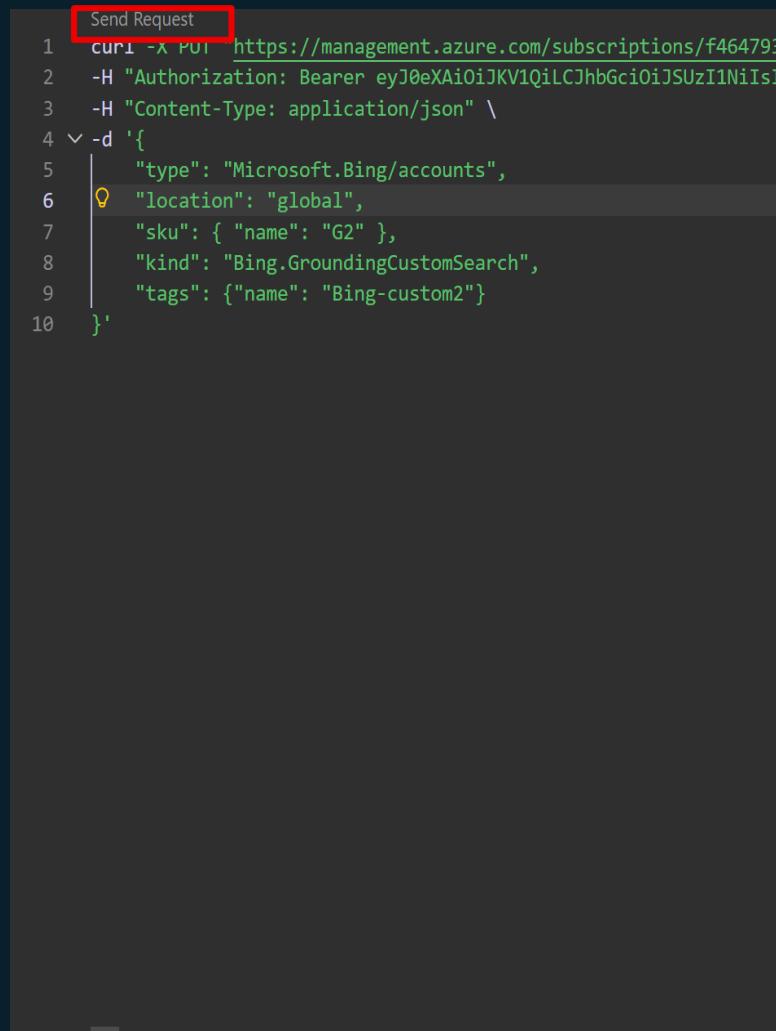
Step 5 – method2, using curl REST API

Below is create-bing-resource.REST

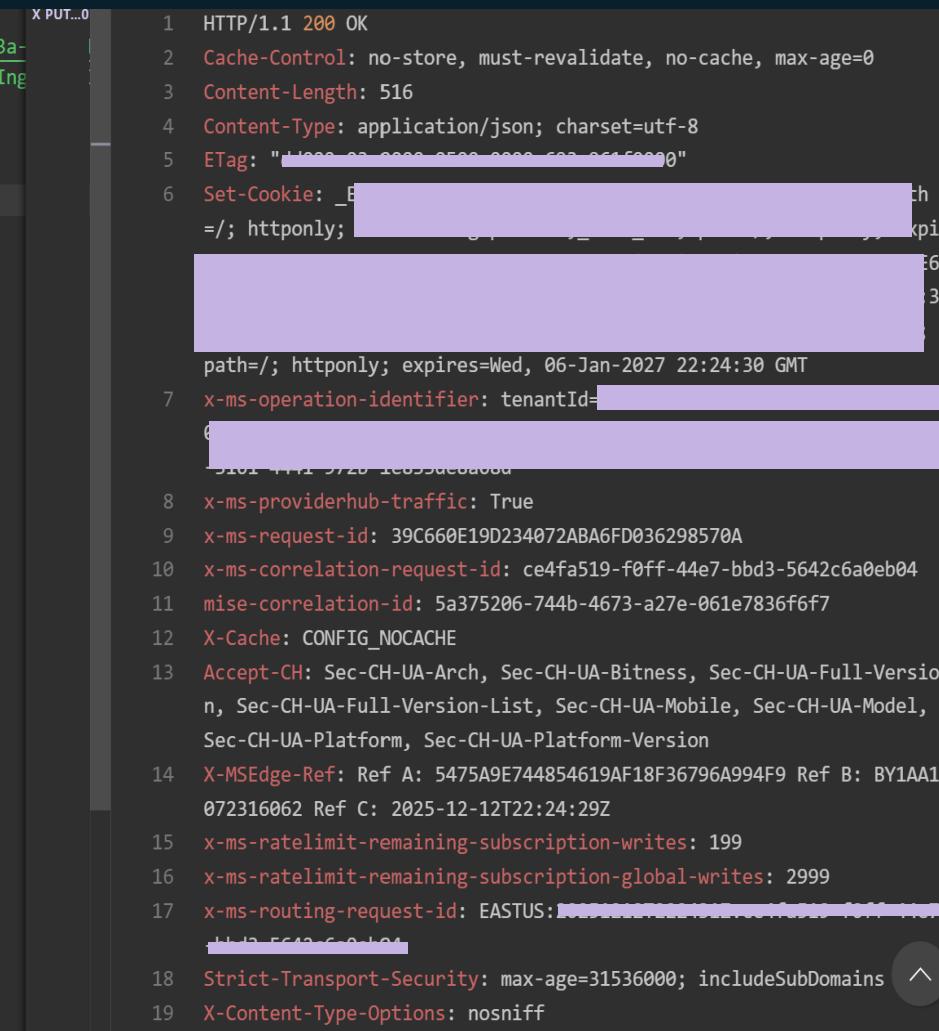
```
curl -X PUT "https://management.azure.com/subscriptions/xxxxxxxx/resourceGroups/my-
resourcegroup/providers/Microsoft.Bing/accounts/Bing-custom2?api-version=2020-06-10" \
-H "Authorization: Bearer zzzzzzzz" \
-H "Content-Type: application/json" \
-d '{
  "type": "Microsoft.Bing/accounts",
  "location": "global",
  "sku": { "name": "G2" },
  "kind": "Bing.GroundingCustomSearch",
  "tags": {"name": "Bing-custom2"}
}'
```

Step 5 – method2, result

create-bing-resource.REST



```
Send Request
1 curl -X PUT https://management.azure.com/subscriptions/f464793a-  
2 -H "Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIn  
3 -H "Content-Type: application/json" \  
4 -d '{  
5     "type": "Microsoft.Bing/accounts",  
6     "location": "global",  
7     "sku": { "name": "G2" },  
8     "kind": "Bing.GroundingCustomSearch",  
9     "tags": {"name": "Bing-custom2"}  
10 }'
```



X PUT...0

```
1 HTTP/1.1 200 OK  
2 Cache-Control: no-store, must-revalidate, no-cache, max-age=0  
3 Content-Length: 516  
4 Content-Type: application/json; charset=utf-8  
5 ETag: "1000-00-0000-0000-00000000"  
6 Set-Cookie: _B...; path=/; httpOnly; expires=Wed, 06-Jan-2027 22:24:30 GMT  
7 x-ms-operation-identifier: tenantId=...  
8 x-ms-providerhub-traffic: True  
9 x-ms-request-id: 39C660E19D234072ABA6FD036298570A  
10 x-ms-correlation-request-id: ce4fa519-f0ff-44e7-bbd3-5642c6a0eb04  
11 mise-correlation-id: 5a375206-744b-4673-a27e-061e7836f6f7  
12 X-Cache: CONFIG_NOCACHE  
13 Accept-CH: Sec-CH-UA-Arch, Sec-CH-UA-Bitness, Sec-CH-UA-Full-Versio  
n, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Mobile, Sec-CH-UA-Model,  
Sec-CH-UA-Platform, Sec-CH-UA-Platform-Version  
14 X-MSEdge-Ref: Ref A: 5475A9E744854619AF18F36796A994F9 Ref B: BY1AA1  
072316062 Ref C: 2025-12-12T22:24:29Z  
15 x-ms-ratelimit-remaining-subscription-writes: 199  
16 x-ms-ratelimit-remaining-subscription-global-writes: 2999  
17 x-ms-routing-request-id: EASTUS:...  
18 Strict-Transport-Security: max-age=31536000; includeSubDomains  
19 X-Content-Type-Options: nosniff
```

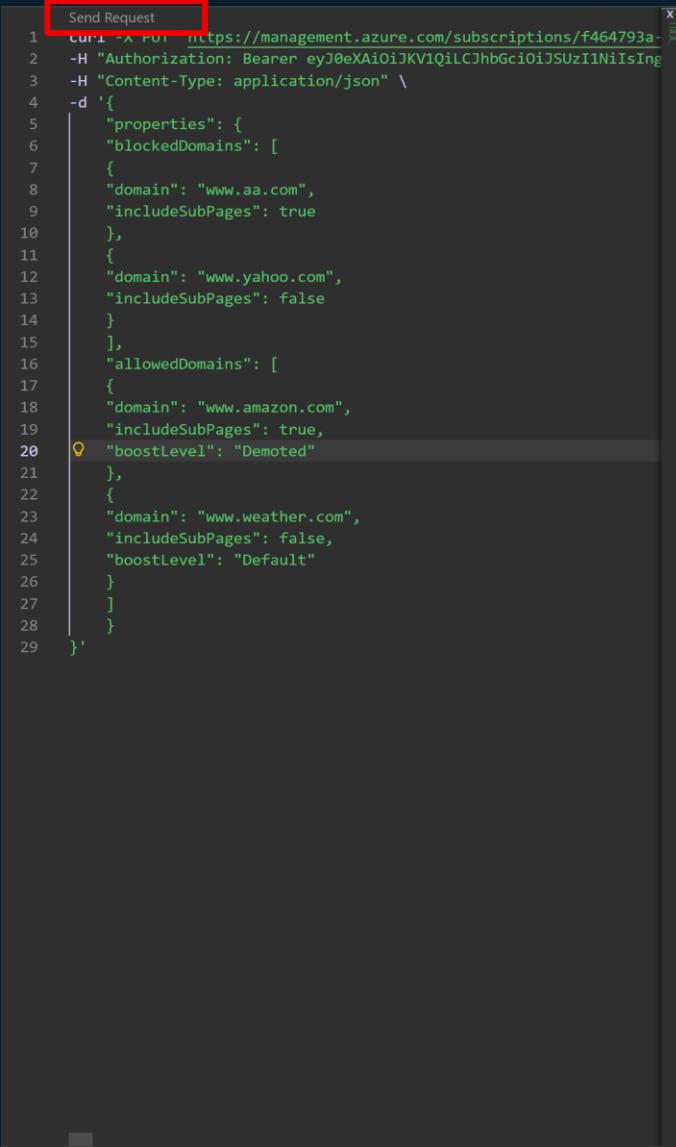
Step 6 – create Bing configuration

create-update-config.REST

```
curl -X PUT "https://management.azure.com/subscriptions/subscriptionID/resourceGroups/my-resourcegrpup/providers/Microsoft.Bing/accounts/Bing-custom2/customSearchConfigurations/Bing-custom2-config?api-version=2025-05-01-preview" \
-H "Authorization: Bearer zzzzzzzz" \
-H "Content-Type: application/json" \
-d '{
  "properties": {
    "blockedDomains": [
      {
        "domain": "www.aa.com",
        "includeSubPages": true
      },
      {
        "domain": "www.yahoo.com",
        "includeSubPages": false
      }
    ],
    "allowedDomains": [
      {
        "domain": "www.amazon.com",
        "includeSubPages": true,
        "boostLevel": "Demoted"
      },
      {
        "domain": "www.weather.com",
        "includeSubPages": false,
        "boostLevel": "Default"
      }
    ]
  }
}'
```

Step 6 – result

create-update-config.REST



The terminal window shows a curl command being run to update a Bing search configuration. The command includes various headers (Authorization, Content-Type) and a JSON payload describing the configuration changes.

```
curl -X PUT https://management.azure.com/subscriptions/f464793a-...  
-H "Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIn...  
-H "Content-Type: application/json" \  
-d '{  
  "properties": {  
    "blockedDomains": [  
      {  
        "domain": "www.aa.com",  
        "includeSubPages": true  
      },  
      {  
        "domain": "www.yahoo.com",  
        "includeSubPages": false  
      }  
    ],  
    "allowedDomains": [  
      {  
        "domain": "www.amazon.com",  
        "includeSubPages": true,  
        "boostLevel": "Demoted"  
      },  
      {  
        "domain": "www.weather.com",  
        "includeSubPages": false,  
        "boostLevel": "Default"  
      }  
    ]  
  }'  
}'
```

The response from the server is a 200 OK status code with various headers and a detailed JSON response body containing the updated configuration settings.

```
HTTP/1.1 200 OK  
Cache-Control: no-store, must-revalidate, no-cache, max-age=0  
Content-Length: 864  
Content-Type: application/json; charset=utf-8  
ETag: "..."  
Set-Cookie: _EDGE_S=...; path=/; expires Wed, 06-Jan-2027 22:55:20 GMT; domain=bingapis.com  
x-ms-operation-identifier: tenantId=...; objectName=...; objectType=...; objectValue=...; id=...; 0b6d3, objectId=f2e5d97-a9a8-4e4d-bb...; 3-7e75-4db2-9be3-f96588f90d69  
x-ms-providerhub-traffic: True  
x-ms-request-id: 1F743E35768E4C69828B3104B1B16508  
x-ms-correlation-request-id: 877abad9-a4fb-4636-86d4-772ae208004b  
x-ms-correlation-id: 19ef0d5b-261e-47d0-8db7-e324f55de08c  
X-Cache: CONFIG_NOCACHE  
Accept-CH: Sec-CH-UA-Arch, Sec-CH-UA-Bitness, Sec-CH-UA-Full-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform, Sec-CH-UA-Platform-Version  
X-MSEdge-Ref: Ref A: 779011B6F6464521AE498EE555588913 Ref B: SJC211051204007 Ref C: 2025-12-12T22:55:29Z  
x-ms-ratelimit-remaining-subscription-writes: 199  
x-ms-ratelimit-remaining-subscription-global-writes: 2999  
x-ms-routing-request-id: EASTUS2:20251212T225527Z:877abad9-a4fb-4636-86d4-772ae208004b  
Strict-Transport-Security: max-age=31536000; includeSubDomains  
X-Content-Type-Options: nosniff  
Date: Fri, 12 Dec 2025 22:55:27 GMT  
Connection: close  
  
23 ↴ {  
24   "id": "/subscriptions/f464793a-.../resourceGroups/.../Microsoft.Bing/accounts/Bing-cus...tom2/customSearchConfigurations/Bing-custom2-config",  
25   "name": "Bing-custom2-config",  
26   "type": "microsoft.bing/accounts/customsearchconfigurations",  
27   "systemData": {  
28     "createdBy": "helenzeng@microsoft.com",  
29     "createdByType": "User",  
30     "createdAt": "2025-12-12T22:55:25.6727242Z",  
31     "lastModifiedBy": "helenzeng@microsoft.com",  
32     "lastModifiedByType": "User",  
33     "lastModifiedAt": "2025-12-12T22:55:25.6727242Z"  
34   },  
35   "properties": {  
36     "allowedDomains": [  
37       {  
38         "domain": "www.aa.com",  
39         "includeSubPages": true,  
40         "boostLevel": "Demoted"  
41       },  
42       {  
43         "domain": "www.yahoo.com",  
44         "includeSubPages": false,  
45         "boostLevel": "Default"  
46       }  
47     ]  
48   },  
49   "status": "Active",  
50   "tags": []  
51 }
```

Optional Step 7 – list Bing resource configuration

Below is list-config.REST

```
curl -X GET "https://management.azure.com/subscriptions/subscriptionID/resourceGroups/my-resourcegroup/providers/Microsoft.Bing/accounts/Bing-custom2/customSearchConfigurations/Bing-custom2-config?api-version=2025-05-01-preview" \
-H "Authorization: Bearer zzzzzzzz" \
-H "Content-Type: application/json" \
```

Optional Step 7 – result

list-config.REST

```
Send Request X GET...w
1 curl -X GET "https://management.azure.com/subscriptions/f464793a-  
2 -H "Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIn  
3 -H "Content-Type: application/json" \  
4  
1 HTTP/1.1 200 OK  
2 Cache-Control: no-cache  
3 Pragma: no-cache  
4 Content-Length: 864  
5 Content-Type: application/json; charset=utf-8  
6 Expires: -1  
7 ETag: [REDACTED]  
8 x-ms-operation-identifier: tenantId:[REDACTED]d7f549  
9  
0 [REDACTED]  
9 x-ms-providerhub-traffic: True  
10 x-ms-request-id: [REDACTED]  
11 x-ms-correlation-request-id: f6c9-ff-93-1499-85-57f6c99513  
12 x-ms-ratelimit-remaining-subscription-reads: 249  
13 x-ms-ratelimit-remaining-subscription-global-reads: 3749  
14 x-ms-routing-request-id: E [REDACTED]d0  
9-8fac-f7bf6390f13a  
15 Strict-Transport-Security: max-age=31536000; includeSubDomains  
16 X-Content-Type-Options: nosniff  
17 X-Cache: CONFIG_NOCACHE  
18 X-MSEdge-Ref: Ref A: C0148121945A4306A97B10F3D32A2388 Ref B: BY1AA1  
072319040 Ref C: 2025-12-12T22:58:16Z  
19 Date: Fri, 12 Dec 2025 22:58:16 GMT  
20 Connection: close  
21  
22 {  
23   "id": "/subscriptions/[REDACTED]5/resourceGroups/[REDACTED]/providers/Microsoft.Bing/accounts/Bing-cus  
tom2/customSearchConfigurations/Bing-custom2-config",  
24   "name": "Bing-custom2-config",  
25   "type": "microsoft.bing/accounts/customsearchconfigurations",  
26   "systemData": {  
27     "createdBy": "helenzeng@microsoft.com",  
28     "createdByType": "User",  
29     "createdAt": "2025-12-12T22:55:25.6727242Z",  
30     "lastModifiedBy": "helenzeng@microsoft.com",  
31     "lastModifiedByType": "User",  
32     "lastModifiedAt": "2025-12-12T22:55:25.6727242Z"  
33   },  
34   "properties": {  
35     "allowedDomains": [  
36       {  
37         "domain": "www.amazon.com",  
38         "includeSubPages": true,  
39         "boostLevel": "Demoted"  
40       },  
41     ]  
42   }  
43 }
```

Optional step 8 – delete Bing configuration

Below is delete-config.REST

```
curl -X DELETE "https://management.azure.com/subscriptions/subscriptionID/resourceGroups/my-resourcegroup/providers/Microsoft.Bing/accounts/Bing-custom2/customSearchConfigurations/Bing-custom2-config?api-version=2025-05-01-preview" \
-H "Authorization: Bearer zzzzzzzz" \
-H "Content-Type: application/json" \
```

Optional step 8 – result

delete-config.REST

```
Send Request
1 curl -X DELETE "https://management.azure.com/subscriptions/f46479...
2 -H "Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIn...
3 -H "Content-Type: application/json" \
4
X DEL...w
1 HTTP/1.1 200 OK
2 Cache-Control: no-store, must-revalidate, no-cache, max-age=0
3 Set-Cookie: _EDGE_S=SID=0...; path=/; httponly; domain=bingapis.com,MUID=2...; path=/; expires=Wed, 06-Jan-2027 22:59:49 GMT; domain=bingapis.com
4 x-ms-providerhub-traffic: True
5 x-ms-request-id: CD...0835FF
6 x-ms-correlation-request-id: 3d637f26-be33-400b-b933-6ff0ce071b48
7 mise-correlation-id: 98ae1a06-951e-448b-9124-a593ea11e0c5
8 X-Cache: CONFIG_NOCACHE
9 Accept-CH: Sec-CH-UA-Arch, Sec-CH-UA-Bitness, Sec-CH-UA-Full-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform, Sec-CH-UA-Platform-Version
10 X-MSEdge-Ref: Ref A: A4A72EC68F5D4DB992F5D887CAD7EA43 Ref B: BY1AA1072318052 Ref C: 2025-12-12T22:59:48Z
11 x-ms-operation-identifier: tenantId=1...6d3,objectId=f1...eastus2/4c77f7c2-d36e-4322-b0f1-41c92506cd29
12 x-ms-ratelimit-remaining-subscription-deletes: 199
13 x-ms-ratelimit-remaining-subscription-global-deletes: 2999
14 x-ms-routing-request-id: EASTUS2:1...b999-0ffccc071b43
15 Strict-Transport-Security: max-age=31536000; includeSubDomains
16 X-Content-Type-Options: nosniff
17 Date: Fri, 12 Dec 2025 22:59:49 GMT
18 Connection: close
19 Content-Length: 0
20
21
```

Steps of Using SDK for Authentication

Python code *azure-login-arm.py* is created for authentication which acts equivalently to the following CLI commands:

```
>az login --tenant "yourTenantID"  
>az login --scope https://management.core.windows.net//.default  
>az account set --subscription "subscriptionID"  
>az account get-access-token –resource https://management.azure.com/
```

How to Run the SDK - Examples

Install:

```
> pip install azure-identity azure-mgmt-resource
```

Usage, select one of the following modes:

```
> python azure_login_arm.py --mode interactive --tenant-id <TENANT_ID> --subscription-id <SUB_ID> --prefetch
```

```
> python azure_login_arm.py --mode azurecli --subscription-id <SUB_ID> --print-token
```

```
> python azure_login_arm.py --mode serviceprincipal --tenant-id <TENANT_ID> --client-id <APP_ID> --client-secret  
<SECRET> --subscription-id <SUB_ID> --output-bearer
```

How to Run the SDK

Examples:

```
> python azure-login-arm.py --mode interactive --tenant-id xxxxxxx --subscription-id yyyyyy --prefetch
```

```
[INFO] Auth mode: interactive  
[INFO] Prefetched ARM token (aud=https://management.azure.com): eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1... (truncated)  
[INFO] Bound ResourceManagementClient to subscription: [REDACTED]  
[DONE] Login/Scope/Get-Access-Token/Subscription binding completed.
```

```
➤ python azure-login-arm.py --mode azurecli --subscription-id yyyyyy --print-token
```

```
[INFO] Auth mode: azurecli  
eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIngldCI6I1BjWDk4R1g0MjBUMVg2c0JEa3poUW1xZ3dNVSIsImtpZCI6I1BjWDk4R1g0MjBUMVg2c0JE  
C00NjhkLWFnjNjtN2VkyTA4MjBiNmQzLyIsImlhdcI6Mt2CnZ1YnIwNiwmJmIjoxNzY3NjU3MjA2LCJleHai0je3Njc2Nje2MzsImFjciI6IjEi  
mYV9HUZKt0NIdnpk2Ptnp0Tn2Sw0G5V3Bxa9PZ1Fnc1yS3d5d2Y5SkxzSFhCVNWXN0zbWpaSzkvU1rUTR2dzJMitCbmrPxHsY01mQfKSE  
Ut1RHA2emVob1s0V0WjV01nbk5C3JzbWxNQzFpVRwaDJRT01LCJhbHRzZWNPzC16IjU60jewMDMyMDAreyU0DE0N0UY1lcJhbX1o1lscnNhiiwi  
jzDUTWY5N05D0YyMmZiNjUxNjgjlCJlbWFpbC16ImhblGbVuemVuZ0BtaWNyB3vNzQyU29T1IwiZmFtaW5z25hbwUoIjaZw5nIiwiZ21ZLW5Fb  
TVmOCIsImZlZTNiOTEzLtcwNGMtNGU0Yy1mZesLTJ10TA1ZmQzNmU0yIsImIxMzA0MDiyLT4ZTYtNDQ3ZC1iMDk8LETE1MzcwnTk3yZiNisIjce  
izTF1LT10TzDA4ZGNkZCIsImI0MjU0OGFhLt1mNDUtnGEzNC04MWiLWRiMWixYjRhMzQ30CIsImQzNgM0ZwJ1LTQ5DQtndkwMy1hNjRkLThmj  
TQxyWytOTFhYi0yZDdjzDAXMRiNdcvIiwiawR0exAi0iJ1c2VyiwiawXbhZGRyIjoiNDau0DyUmtGzLjE3MyIsIm5hbwUoijZwXlbiBaZw5nIiwi  
yb3NvZnQuy29tL2Z3bGluaY8_bGlua2lkPTIyMjQxOTgiLCJyaC16IjEuQVVZQUU4Q3pGZ0RUALvhc1pIN2FDQ8MyMDBaSWYza0F1dGRQdwtQYXdmaj  
DMwUllmQjRIS19Xn2stMr0am9wXzBoc2JveklYwxLNTZIT1VZNGM1CJ0aWQio1IxNmIzYzAxMy1kMzAwLto2Q0GQtYWm2NC03ZwRhmDgMyGI2ZDMin  
5ZmJmNGQtM2vM0S00Njg5LtgXNDMtNzziMtk0Z7g1NTA51I10sInhtc19hY3RfZmN0IjoiMyAI1iweg1z2Vkb3YiOnRydwsUsInhtc19mdGQj0iJvT  
yIsInhtc19t20R0IjoxNjQ1MTM3Mj1f4Q.AbdjCuZP8rung-EqwWwjAcBVONA2ItGJ2DVDcp3zicBh000PKlgMDpFu0Evak0i0sJ8Kfj9xuCHMvC_ye  
lCt3-zbIVBpfCYzH9jSVpf1Y69oPqpDwATnaaFnqxbVjmjtGdAbKbct5CsHycBaf-X8ejbfmDmjzP78Zun8sY05hnQ1FLRpQ_8CwJTL0-Z7wU-vy  
[INFO] Bound ResourceManagementClient to subscription: [REDACTED]
```

```
➤ python azure-login-arm.py --mode serviceprincipal --tenant-id xxxxxxx --client-id my-app-ID --client-secret my-app-secret-value  
--subscription-id yyyyyy --output-bearer
```

```
[INFO] Auth mode: serviceprincipal
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6I1BjWDk4R1g0MjBUMvg2c0JEa3poU1xZ3dNV5IsImtpZC16I1Bj
cmUy29tIiwiXnZtIjoiaHR0cDMyL6y9zdHmd2lu2lwg93c5u1ZXQvMTzI2m2MtMTzD0mMC0eNjhkLwFjNjQtN2vKvTA4mjbimNQzLyIsImlh
dCi6Mt2Nz
BQS93zlhSS1piMBxBL3BmLjBXFRYxVkpTeDrDkExbK1eGZC0WpVK0t1bwgva09GNDR0N1pXaW3eHmMNTVKUG5Gzx4MStYjdxFM1RiQ0RLdzZGdMvT
M4M0C1M3E7TQWmMtYWhCZ0zMDc1YT1ZmT2MGtiLChhBpZGfjc1i6TjeI1CjPzHAi0iJodhRwczoVl3N0cy53aW5kb3dLsLm51C8xNmLzYzXaMy1k
i0yYTh1LTLQwNjMtyje1NS1hYTk5YTUXzWyy2IIlCjyaIC61jEuQVZQUU403pGZ0R0uAlvhc1pIN2FDQ0MyMDBaSwYza0F1dGRQdWtQYXdmajJNQ1LB4QF
IjE2YjNjMDEzLWQzMDAtNDY4ZC1hYzY0LTD1ZGEw0D1WjYzKMyIsInVbaS15I6nh6dtLabjdTd0V5bkgyLwdkaU90qUE1lCj22XI1oiIxLjA1lCj4bXNFyw
abnp50HhDakNQjRytjNaWe4wTxkxa2MyMxo1lCj4bXnfawRyZwWioi13ID1lCj4bXnfcmQioiIwl_jQyTgxZQkppZEJNUzRXQvhFdKFMWePUX31YT2FjL
NPZDg2LU9PymdUQE1lCj4bXnfC3ViX2ZjdC16IjMgoSIsInhtc190y2R01joxhNjQ1MTM3bjI4FQ_Lx0EJ1nRF7Yv87LXX5MgBHR_3sA4FMaw2enbs_X1p
LXcg8ZYCwGzGweKaYdgs74qaJvxzA71Vg40KQ07mkrt8rsaL5NT3a43mryTD5XdgXzX_6KQFkNTRtgmj5J3Bx3sGnyE88tS07ccSmcNCSnR42rK7uu0n03
v7za8WSK6DEN6WkfDf01Q0Qj-aCa
[INFO] Bound ResourceManagementClient to subscription: [REDACTED]
[DONE] Login/Scope/Get-Access-Token/Subscription binding completed.
```

--output-bearer is set, which can be copy-pasted into any HTTP client for REST calls to <https://management.azure.com>

Appendix – How to get application ID and secret

- Get web application URL
 - For example: app-macae-xxxxxx.azurewebsites.net
- Register the app in Microsoft Entra ID

The screenshot shows the Microsoft Entra ID App registrations page. On the left, there's a sidebar with options like Overview, Preview features, Diagnose and solve problems, Manage (with sub-options like Users, Groups, External identities, Roles and administrators, Administrative units, Delegated admin partners, Enterprise applications, Devices), and App registrations (which is highlighted with a red box). The main area shows a table of registered applications under the 'Owned applications' tab. One application, 'app-macae', is listed. A red arrow points from the text 'Use it as my-app-ID' to the 'Application (client) ID' column for this application.

Display name	Application (client) ID	Created on	Certificates & secrets
app-macae	eb0bf...	8/11/2025	Expiring soon
0	ff...	3/4/2025	-
al...	9/13/2024	-	
3...	8/11/2025	-	

- Create secrete

The screenshot shows the 'Certificates & secrets' section of the app registration. The sidebar has a red box around the 'Certificates & secrets' option. The main area shows a table with one row of data. A red arrow points from the text 'Use it as my-app-secret-value' to the 'Value' field in the table, which contains the value 'mox*****'.

Description	Expires	Value	Secret ID
Password uploaded on Tue Jan 06 2026	2/5/2026	mox*****	https://entraid.onmicrosoft.com/applications/.../secrets/mox*****