

# UpdateServiceAttributes

Submits a request to update a specified service to add service-level attributes.

## Request Syntax

```
{  
    "Attributes": {  
        "string" : "string"  
    },  
    "ServiceId": "string"  
}
```

## Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#).

The request accepts the following data in JSON format.

### Attributes

A string map that contains attribute key-value pairs.

Type: String to string map

Map Entries: Maximum number of 30 items.

Key Length Constraints: Maximum length of 255.

Value Length Constraints: Maximum length of 1024.

Required: Yes

### ServiceId

The ID or Amazon Resource Name (ARN) of the service that you want to update. For services created in a namespace shared with your AWS account, specify the service ARN.

Type: String

Length Constraints: Maximum length of 255.

Required: Yes

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Errors](#).

### InvalidInput

One or more specified values aren't valid. For example, a required value might be missing, a numeric value might be outside the allowed range, or a string value might exceed length constraints.

HTTP Status Code: 400

### ServiceAttributesLimitExceededException

The attribute can't be added to the service because you've exceeded the quota for the number of attributes you can add to a service.

HTTP Status Code: 400

### ServiceNotFound

No service exists with the specified ID.

HTTP Status Code: 400

## Examples

### UpdateServiceAttributes Example

This example API request updates the service `srv-e4anhexample0004` to add an attribute `Port` with value `80`.

#### Sample Request

```
POST / HTTP/1.1
host:servicediscovery.us-west-2.amazonaws.com
x-amz-date:20241223T173136Z
```

```
authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20181118/us-west-2/
servicediscovery/aws4_request,
    SignedHeaders=content-length;content-type;host;user-agent;x-amz-date;x-
amz-target,
        Signature=[calculated-signature]
x-amz-target:Route53AutoNaming_v20170314.UpdateServiceAttributes
content-type:application/x-amz-json-1.1
content-length:[number of characters in the JSON string]

{
    "ServiceId": "srv-e4anhexample0004",
    "Attributes": {
        "Port": "80"
    }
}
```

## Sample Response

```
HTTP/1.1 200
Content-Length: [number of characters in the JSON string]
Content-Type: application/x-amz-json-1.1
{}
```

## UpdateServiceAttributes Example using ARN

This example API request updates a service in a shared namespace using its ARN to add an attribute Port with value 80.

### Sample Request

```
POST / HTTP/1.1
host:servicediscovery.us-west-2.amazonaws.com
x-amz-date:20241223T173136Z
authorization: AWS4-HMAC-SHA256 Credential=AKIAIOSFODNN7EXAMPLE/20181118/us-west-2/
servicediscovery/aws4_request,
    SignedHeaders=content-length;content-type;host;user-agent;x-amz-date;x-
amz-target,
        Signature=[calculated-signature]
x-amz-target:Route53AutoNaming_v20170314.UpdateServiceAttributes
content-type:application/x-amz-json-1.1
content-length:[number of characters in the JSON string]
```

```
{  
    "ServiceId": "arn:aws:servicediscovery:us-west-2:123456789012:service/srv-  
e4anhexample0004",  
    "Attributes": {  
        "Port": "80"  
    }  
}
```

## Sample Response

```
HTTP/1.1 200  
Content-Length: [number of characters in the JSON string]  
Content-Type: application/x-amz-json-1.1  
{}
```

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)