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# Target:

Uploading a file to an S3 bucket

# Services:

- IAM

- API Gateway

- S3 Bucket

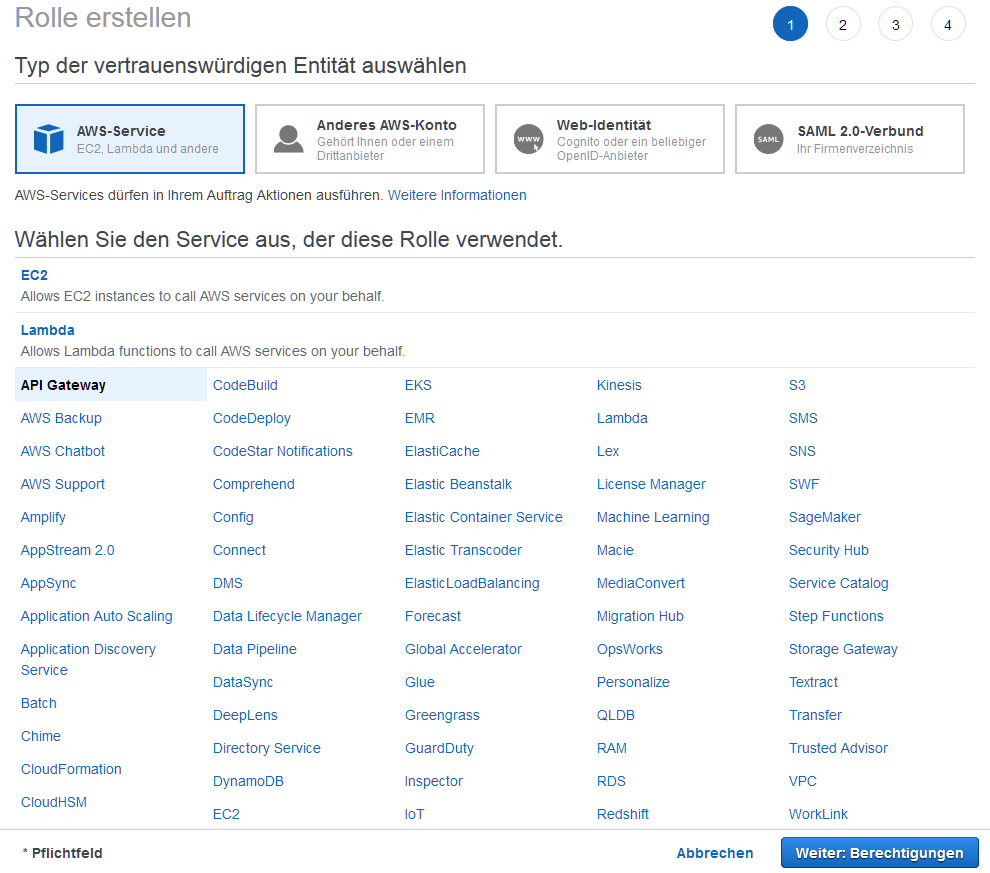
# Websites:

[- https://docs.aws.amazon.com/de\_de/apigateway/latest/developerguide/integrating-api-with-aws-services-s3.html](https://docs.aws.amazon.com/de_de/apigateway/latest/developerguide/integrating-api-with-aws-services-s3.html)

# Quick Guide:

## IAM role

### Establishment of a new role:



### Add Policy for PUT Objects



{

}, "version": "2012-10-17",

{ "statement": [

{

}, "effect": "allow",

{ "action": "s3:Put\*",

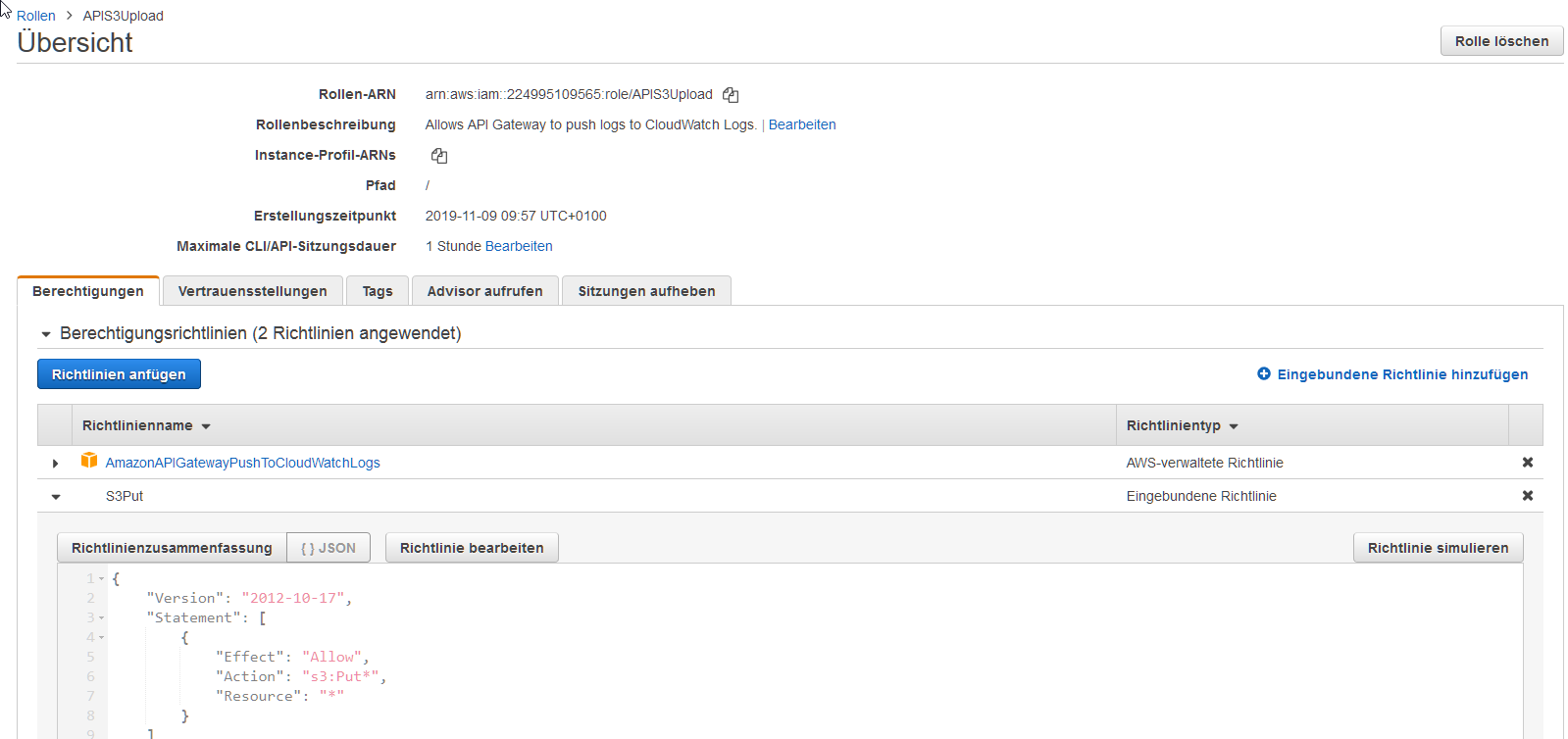
"Resource": "\*"

}

]

}

### Result



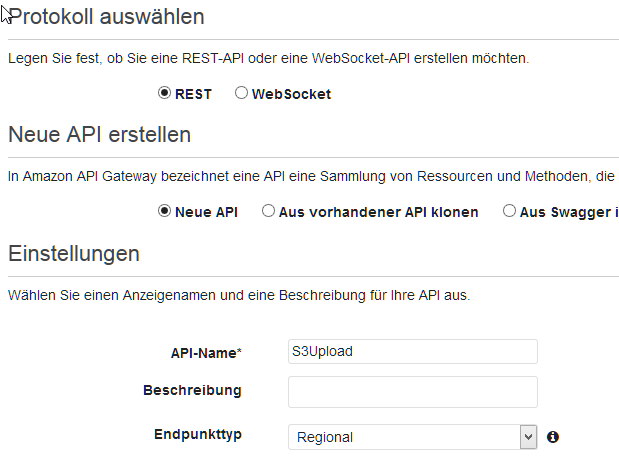
## S3 Bucket

Create a new bucket without special features.

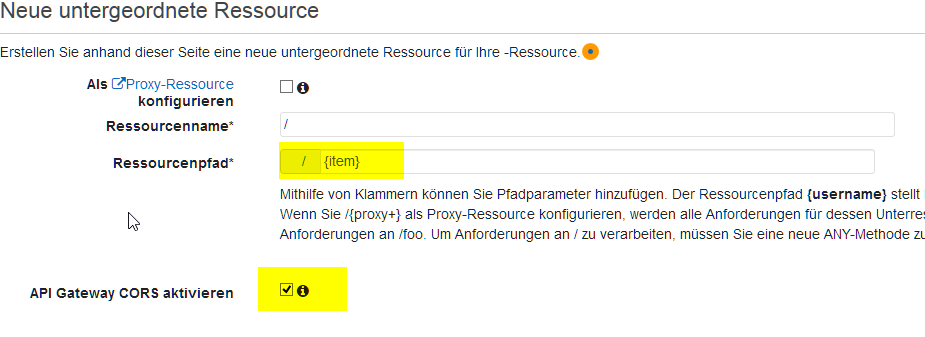


## API Gateway

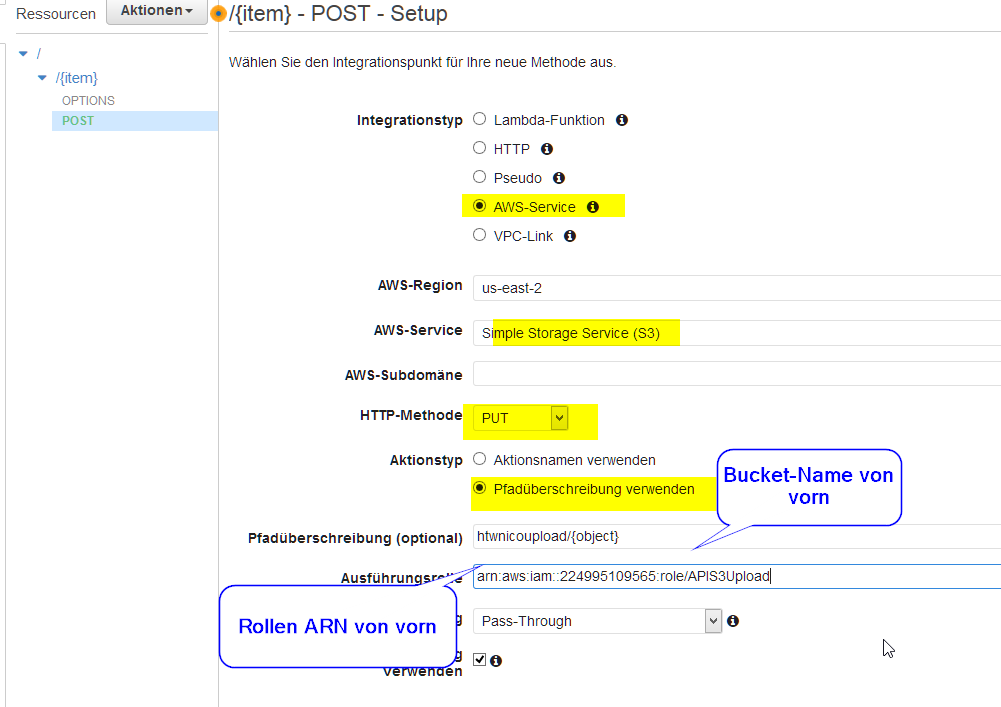
### Creation of a new API gateway



### Create new resource

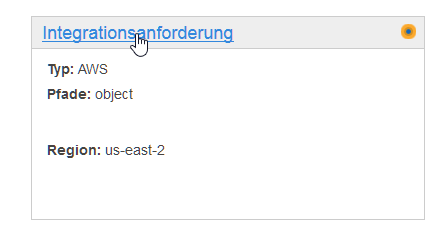


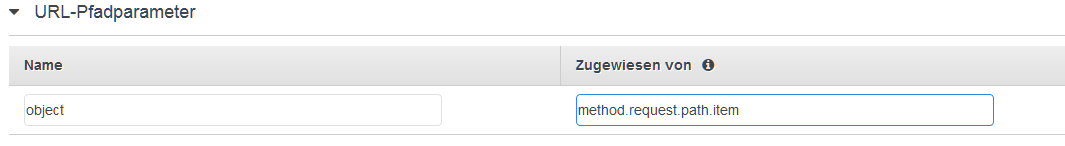
### Create new method POST



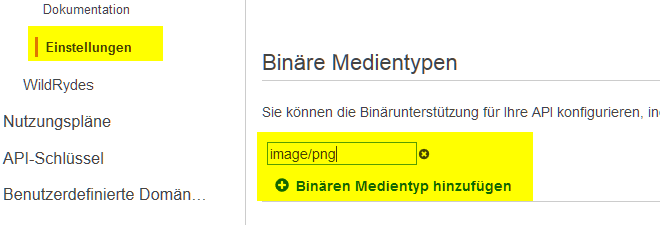
### Set URL Parameter Mapping



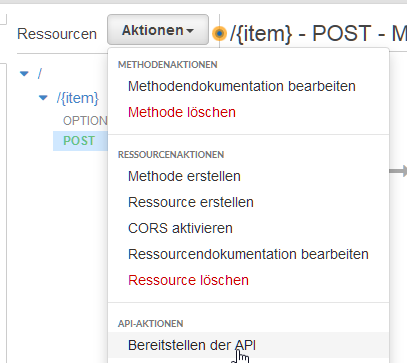


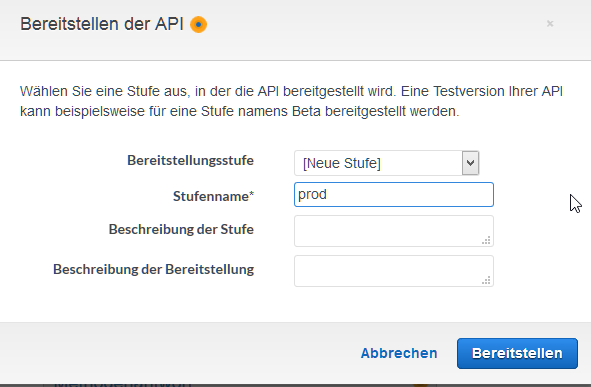


### Setting that binary files in the body are okay



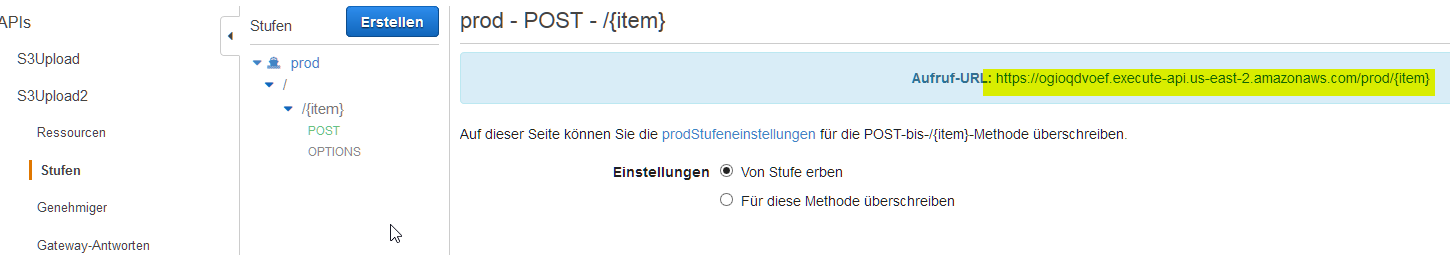
### Providing the API



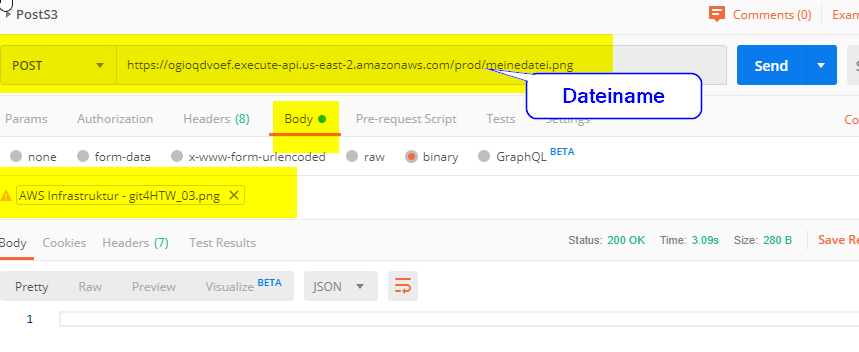


# Testing

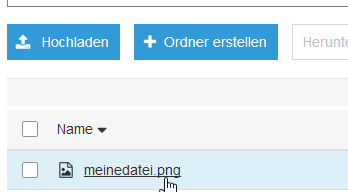
## Retrieving the URL



## Input in Postman



### Test on S3 Bucket



Press refresh if necessary:

