

Mastering the Microsoft Commercial Marketplace Series

Securing a Simple SaaS Webhook in .NET

Securing the Webhook – Query String

Validate a query string argument

The connection is secure - HTTPS

`https://<function_path>?passphrase=Joshua`



Set the parameters in Partner Center

Landing page URL* ⓘ

`https://saasdemo-as.azurewebsites.net`

Connection webhook* ⓘ

`s.net/api/webhook?top_secret=9b18c5b7-5f99-4e2d-9c11-edf20cbeeb4c`

Securing the Webhook – JWT Claims

Validate JWT Claims

```
{  
  "aud": "20e940b3-4c77-4b0b-9a53-9e16a1b010a7",  
  "iss": "https://sts.windows.net/.../",  
  "appid": "d16359b5-31f1-4495-b417-...",  
  "idp": "https://sts.windows.net/.../",  
  "oid": "ac29bbff-3407-4119-b2d9-866f46d52b0c",  
  "sub": "...",  
  "tid": "...",  
  "uti": "K8Tsa_UsQU6Y-50bBs3HAQ",  
  "ver": "1.0"  
}
```

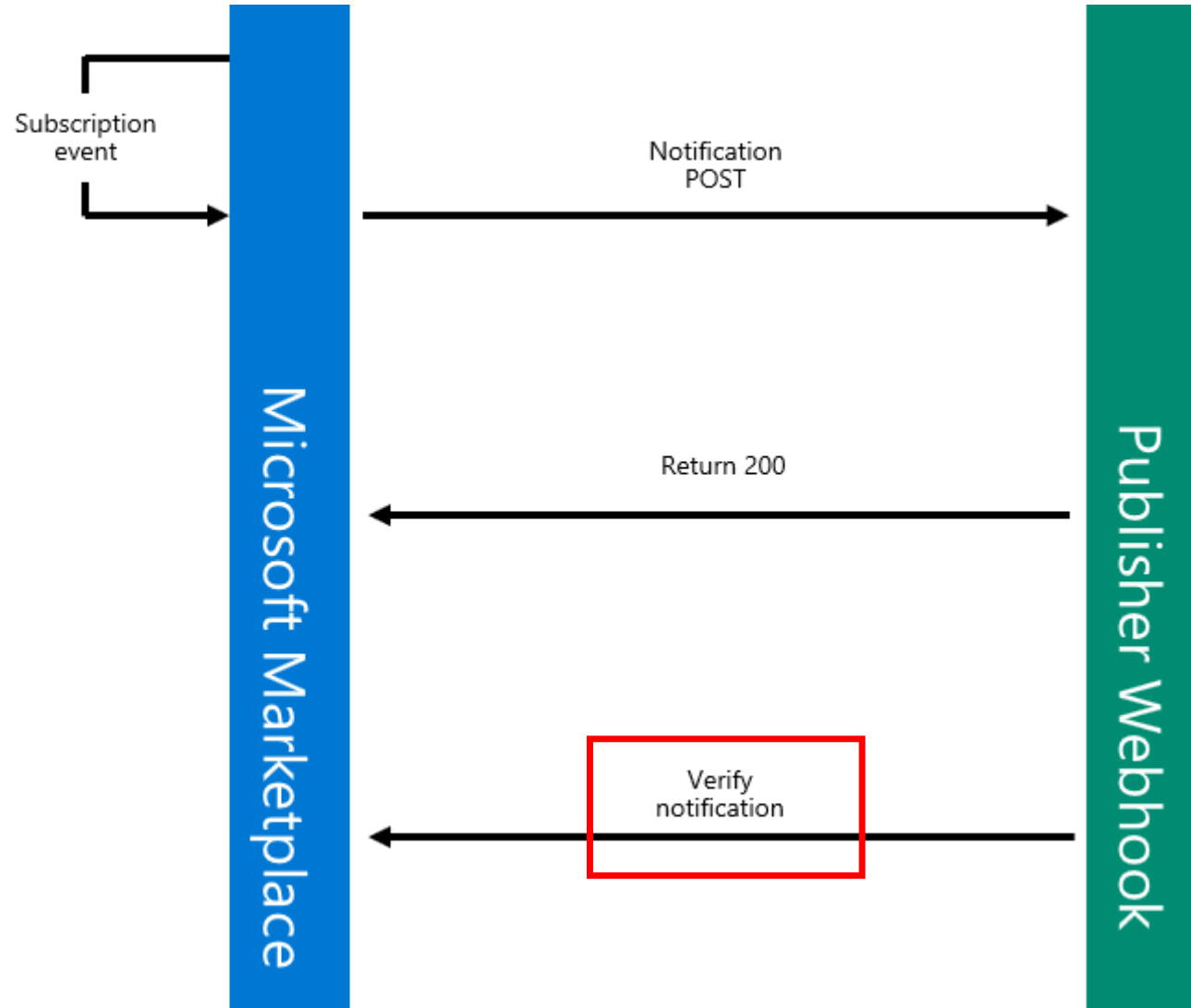
Claims to focus on

iss – Issuer

appid - application registration ID

tid – tenant ID

Securing the Webhook - Verifying the Event Notification



Demo

Securing the Webhook

Summary

Webhook Security

Thank you

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