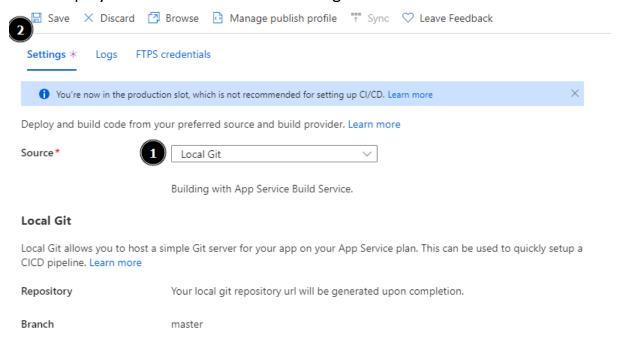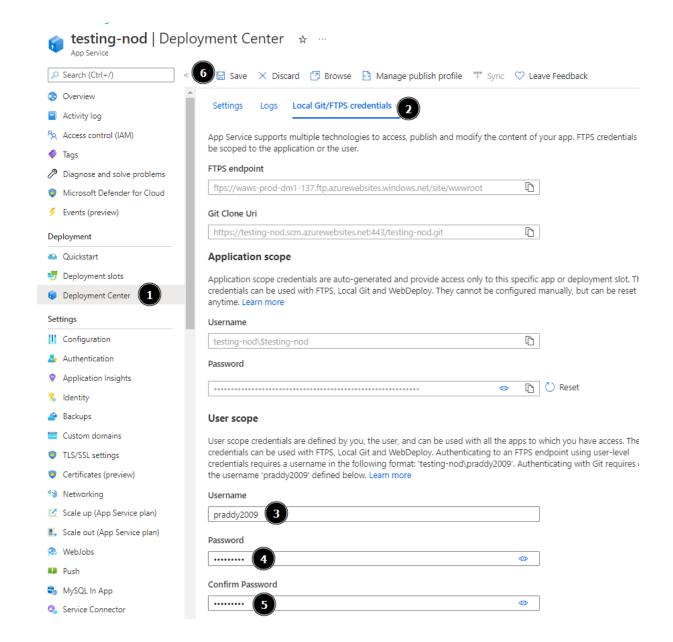# App service integration with keyvault

Pre-requisite:

- Key-vault with at least one secret
- Node code (https://github.com/Praddy2009/node-keyvult_code)

1) Create a new app service with monitoring enabled

2) Go to deployment centre and enable local git. Get the *Git Clone Uri*

Make Local Git credentials

Sync your code with it
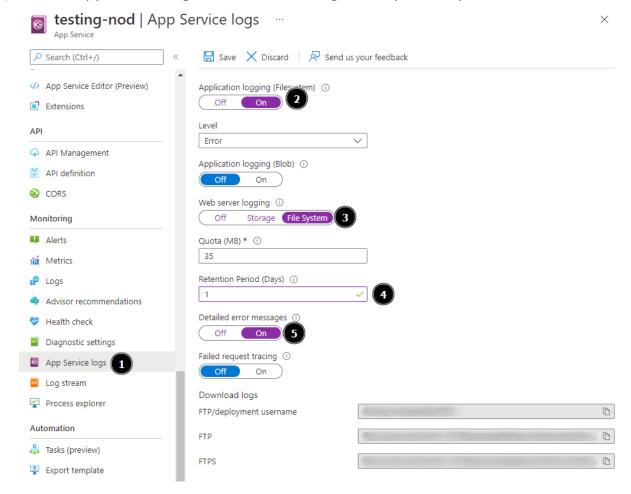
'git remote add azure <git-clone-uri>'

```
CRB+PVEO97@MMD5CG1110XH2 MINGW64 /c/Experiment (master)
$ git remote add azure https://testing-nod.scm.azurewebsites.net:443/testing-nod
.git
```

git add .
git commit -m "some-comment"
git push azure

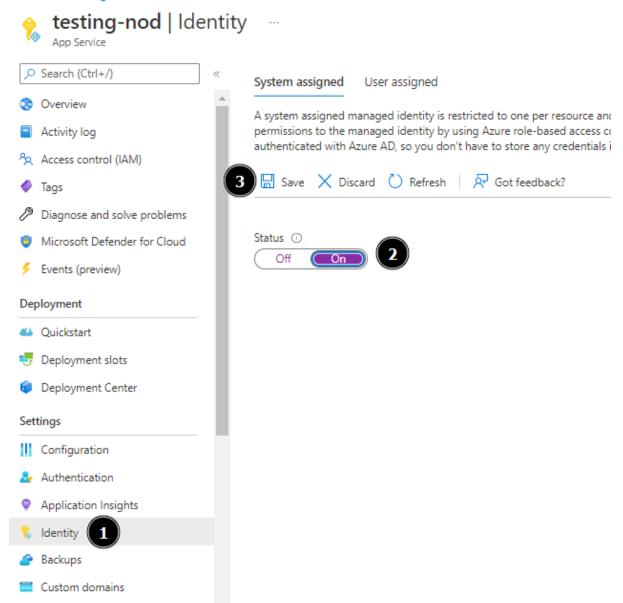3) Enable App Service logs for understanding the request response

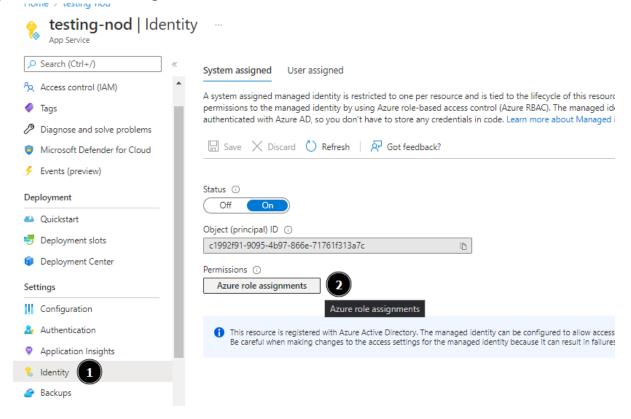4) Open log stream blade and make a request and you'll be greeted with

5) Enable System Assigned Identity and copy the Object (principle) ID

6) Do Azure role Assignment

testing-nod | Identity
App Service

Search (Ctrl+/)

- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)

Deployment

- Quickstart
- Deployment slots
- Deployment Center

Settings

- Configuration
- Authentication
- Application Insights
- Identity **1**
- Backups

System assigned   User assigned

A system assigned managed identity is restricted to one per resource and is tied to the lifecycle of this resourc
permissions to the managed identity by using Azure role-based access control (Azure RBAC). The managed id
authenticated with Azure AD, so you don't have to store any credentials in code. Learn more about Managed i

💾 Save   ✕ Discard   🔄 Refresh | 🗨 Got feedback?

Status ⓘ

Off   **On**

Object (principal) ID ⓘ

c1992f91-9095-4b97-866e-71761f313a7c   📋

Permissions ⓘ

Azure role assignments   **2**

Azure role assignments

ⓘ This resource is registered with Azure Active Directory. The managed identity can be configured to allow access
Be careful when making changes to the access settings for the managed identity because it can result in failures

---

Home > testing-nod | Identity >

Azure role assignments   ⋯

1

\+ Add role assignment (Preview)   🔄 Refresh

If this identity has role assignme   ...   ...n to read, they won't be shown in the list. Learn more

Add role assignment (Preview)

Subscription *

Azure for Students   ⌄

Role	Resource Name	Resource Type	Assigned To

No role assignments found for the selected subscription.

Add role assignment (Preview)

Scope ⓘ

| Key Vault **1** |

Subscription

| Azure for Students **2** |

Resource ⓘ

| testing-managed ⓘ **3** |

Role ⓘ

| Key Vault Secrets User ⓘ **4** |

Learn more about RBAC

5

[Save] [Discard]

7) In your keyvault Access policy blade add your principle ID

Add access policy ···

Add access policy

Configure from template (optional)

| Secret Management | ⌄ | ① |

Key permissions

| 0 selected | ⌄ | ② |

Secret permissions

| Get | ⌄ | ③ |

Certificate permissions

| 0 selected | ⌄ | ④ |

Select principal *

testing-nod
Object ID: c1992f91-9095-4b97-866e-71761f313a7c ⑤

Authorized application ⓘ

None selected

Add ⑥

Then Save

And here you go

```
2022-08-16T06:24:00  No new trace in the past 4 min(s).
hello  ◄
[0mGET /ping [32m200 [0m14.276 ms - -[0m
helloPrassword:)  ◄
```