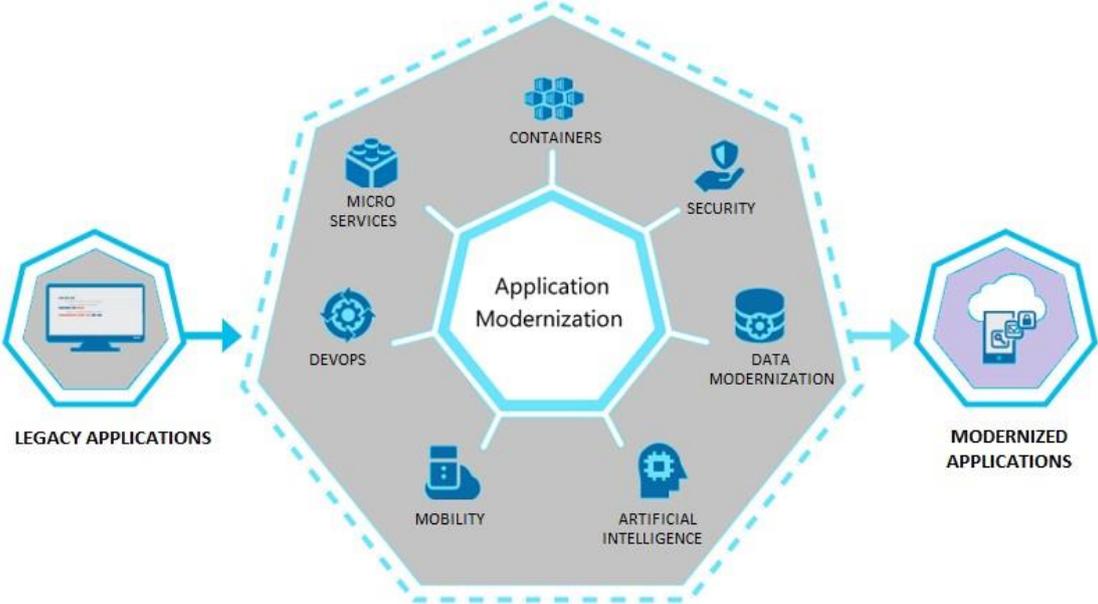


APP SERVICE MIGRATION TOOL DOCUMENT

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1. WHAT IS APP SERVICE MIGRATION TOOL



App Service Migration Tool is a migration tool developed by Microsoft that analyzes the applications in existing on-premises in detail and prepares reports for a possible migration. We can start scanning by providing the application with a Public endpoint. Many details such as what technologies are used in the application, traffic, utilization, ports and settings are examined in scanning. After the endpoint scan is complete, we can download a transport assistant that will help us move step by step. We can access this assistant at <https://appmigration.microsoft.com/>. This assistant is only available for .Net and PHP applications. It is stated in the link above by Microsoft that it will be supported in other application languages.

2. .BEGIN ASSESTMENT

First, by entering <https://appmigration.microsoft.com/>, we start our assesment from our endpoint and check the suitability.

Migrate to Azure App Service

Assess any app with an endpoint scan. Download the Migration Assistant and start your .NET and PHP app migration to Azure App Service.

Assess
Provide a public URL to assess to start your migration process.

Download
For internal .NET and PHP apps, download the Migration Assistant.

Start your assessment by entering a public facing endpoint to scan.

https:// **Assess**

As a result of Assesment, information such as the following comes before us. This information includes all the technologies, frameworks, hosting information and web server information running on the site.

https:// **Assess**

Your site's framework and hosting model is fully supported for migrating over to Azure App Services. Start your migration process by downloading the migration assistant and following the steps to migrate your app. **Start Migrating Now !**

Detected Domains (2)

FRAMEWORK (6)

ASP.NET Last detected : 10 days ago	One or more top Azure App web apps use this framework
ASP.NET Ajax Last detected : 2 years ago	One or more top Azure App web apps use this framework
ASP.NET 4.0 Last detected : 2 years ago	One or more top Azure App web apps use this framework
Microsoft Office SharePoint Last detected : 2 years ago	One or more top Azure App web apps use this framework
OpenResty Last detected : 10 days ago	One or more top Azure App web apps use this framework
PHP Last detected : 10 days ago	One or more top Azure App web apps use this framework

1

ADS (1)

DoubleClick.Net

Last detected : a month ago

Used by top App Service site.

ANALYTICS (4)

Google Analytics

Last detected : 7 days ago

Used by top App Service site.

Google Universal Analytics

Last detected : 7 days ago

Used by top App Service site.

Google Analytics Classic

Last detected : a year ago

Used by top App Service site.

Global Site Tag

Last detected : 10 months ago

Used by top App Service site.

CDN (2)

GStatic Google Static Content

Last detected : a month ago

Used by top App Service site.

Content Delivery Network

Last detected : a year ago

Used by top App Service site.

CMS (10)

As a result of this assessment, Azure Migrate gives us a message like:

Your site's framework and hosting model is fully supported for migrating over to Azure App Services. Start your migration process by downloading the migration assistant and following the steps to migrate your app.

Start Migrating Now !

2

This message states that our site is fully compatible with Azure App Service. If your application is .Net or PHP by pressing the Start Migrating Now button, you are directed to the page to download the assistant.

Minimum system requirements:

- IIS 7.5
- Administrator access on the server

Download the Migration Assistant

Migration Assistant



Download

Migration Assistant (Linux Preview)



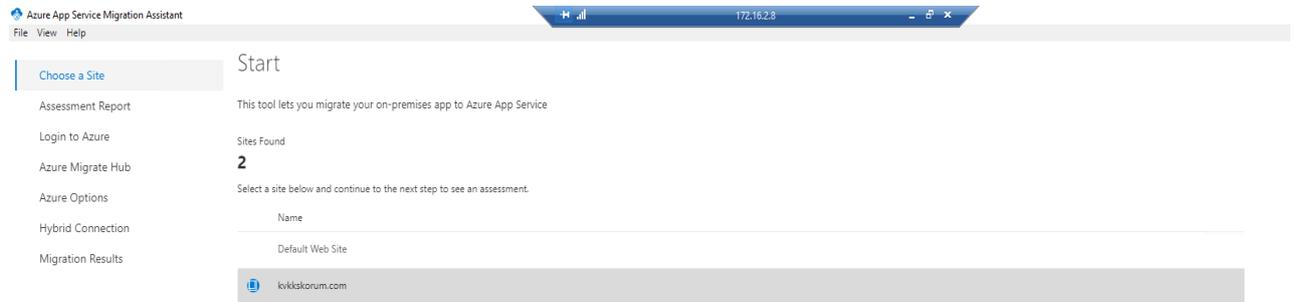
Release Notes: [Click here](#)

Download Linux Preview

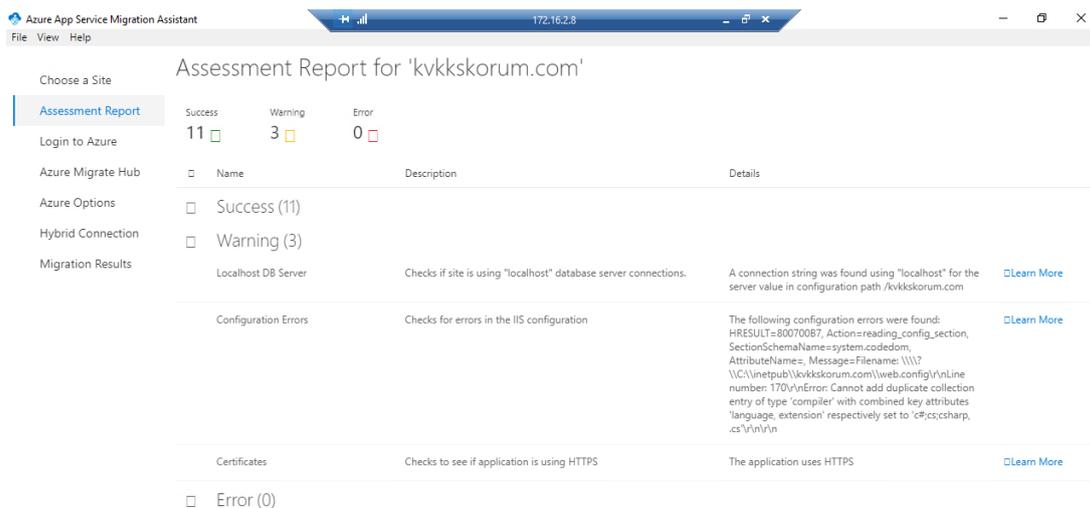
3. BEGIN MIGRATION

We will start migration by downloading the migration assistant according to our operating system from the link. The important point is that we are downloading this assistant to the machine with IIS running on our sites.

After deploying the application to the machine with IIS, a screen like the following welcomes us;

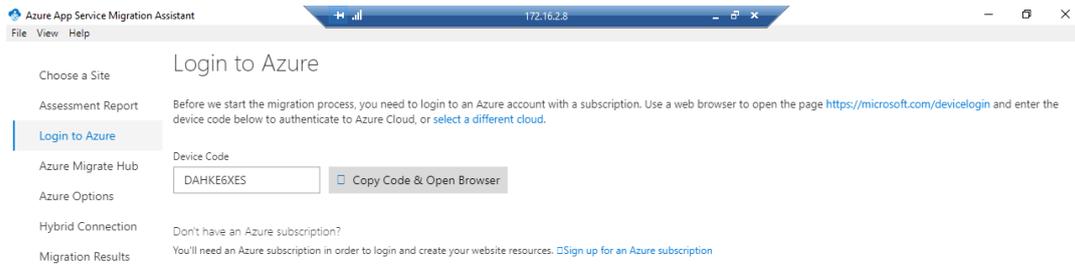


We decide which sites on IIS will be moved and we enter next. The next step, on the Assessment report screen, is looking at connection strings, configuration settings, certificates and many settings, indicating problems that may arise after migration.

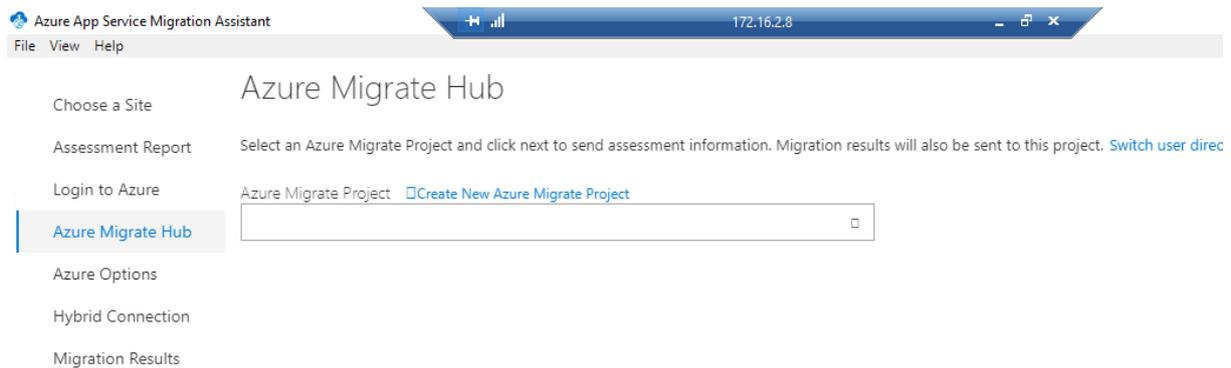


3

If we don't see any problems, we continue by saying next. He wants us to login to Azure in the next step.

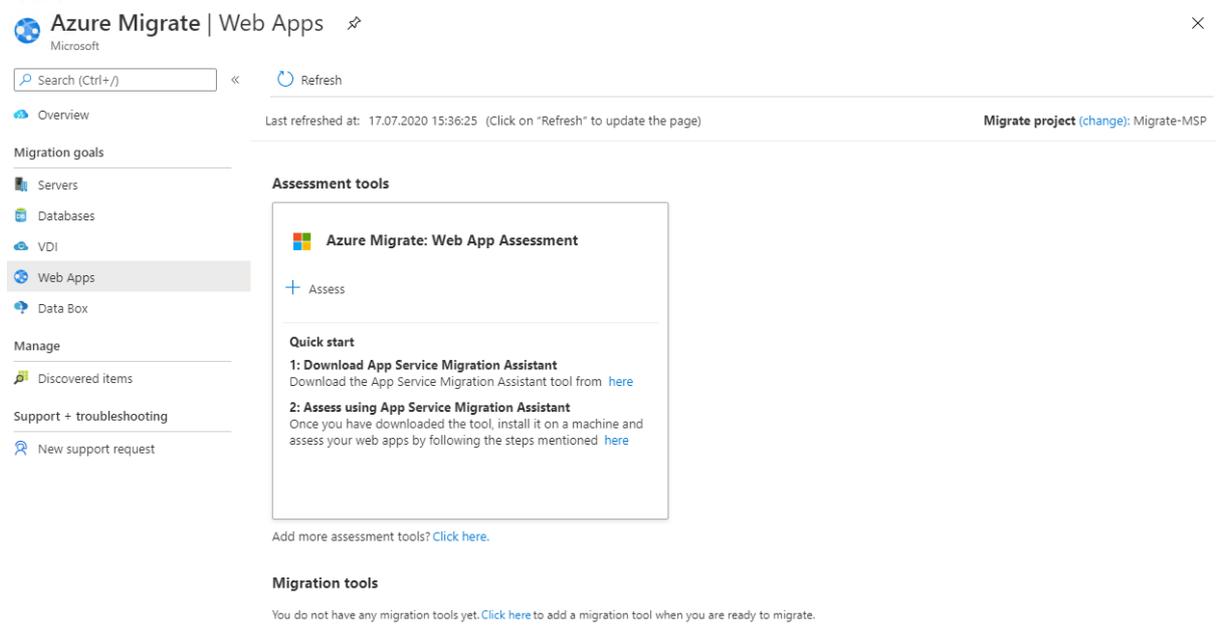


By pasting the code on the screen that opens, we log in to our Azure account and automatically proceed to the next step by the program. In this step, he wants us to choose a Migrate project. If not, we can create a new one.

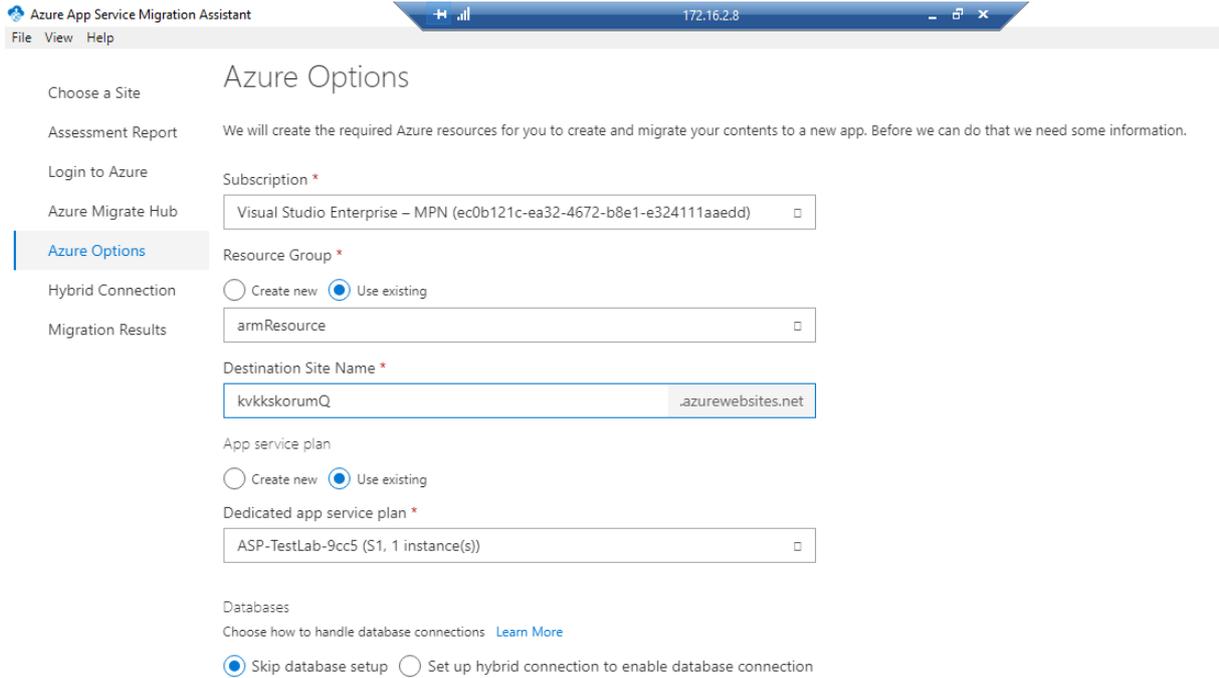


4

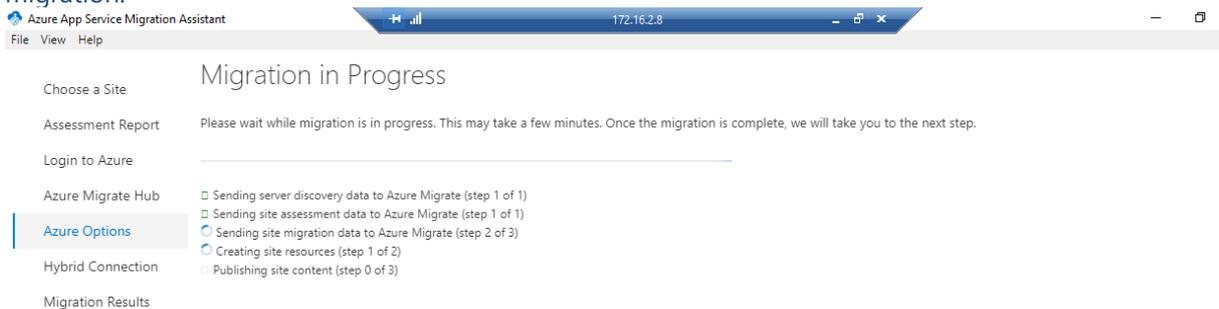
If we want to create a new one, we are directed to Azure Portal and from here we select and add Web App Assessment as migration tool.



In the next step, we choose which resource to move. We enter our App Service information and adjust the database configuration, if any.

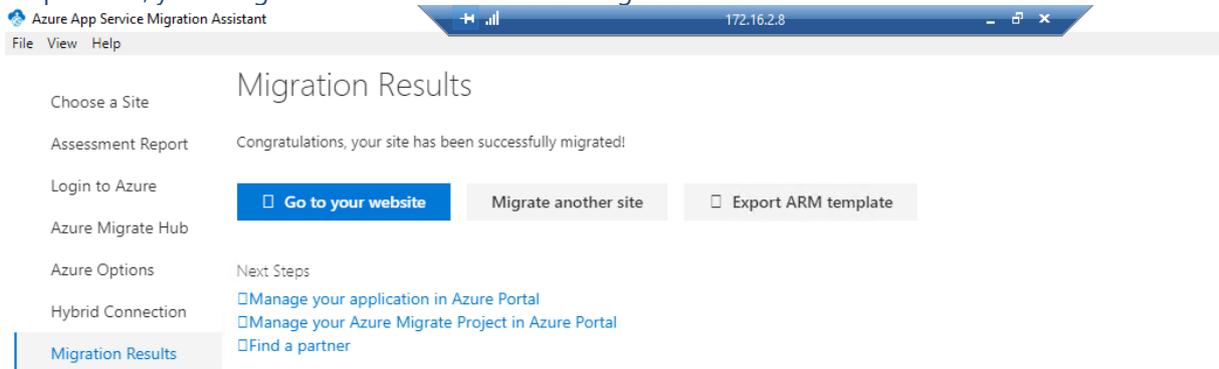


To automate the process later, we can export Arm Template or start Migrate directly and start our site migration.



5

When the migration starts, step by step migrations will be performed as in the image above. If there is no problem, you will get a success screen in the image below.



The appearance of our site on the portal will be as follows.

The screenshot shows the Azure portal interface for an App Service. The top navigation bar includes the Microsoft Azure logo and a search bar. The main content area displays the configuration for the App Service 'kvkkskorumQ'. The left sidebar contains a navigation menu with categories like Activity log, Access control, Tags, Diagnose and solve problems, Security, Events, Deployment, Settings, App Service plan, Monitoring, and Support + troubleshooting. The main content area shows the following details:

- Resource group (change): armResource
- Status: Running
- Location: West Europe
- Subscription (change): Visual Studio Enterprise – MPN
- Subscription ID: ec0b121c-ea32-4672-b8e1-e324111aaedd
- Tags (change): migration : 1.0.6
- URL: https://kvkkskorumq.azurewebsites.net
- App Service Plan: ASP-TestLab-9cc5 (S1: 1)
- FTP/deployment username: No FTP/deployment user set
- FTP hostname: ftp://waws-prod-am2-299.ftp.azurewebsites.windows.net/site/wwwroot
- FTPS hostname: ftps://waws-prod-am2-299.ftp.azurewebsites.windows.net/site/wwwroot

At the bottom of the page, there are three service tiles: 'Diagnose and solve problems', 'Application Insights', and 'App Service Advisor'.

In this way, we can migrate the applications in our IIS directly to Azure without dealing with FTP or other tools.