



HERE Maps & Location Services For Data Streams Template

Deployment Guide

Version 8.0.0.0



Important Information

Notices

Topics:

- [Legal Notices](#)
- [Document Information](#)



Legal Notices

© 2018 HERE Global B.V. and its Affiliate(s). All rights reserved.

This material, including documentation and any related computer programs, is protected by copyright controlled by HERE. All rights are reserved. Copying, including reproducing, storing, adapting or translating, any or all of this material requires the prior written consent of HERE. This material also contains confidential information, which may not be disclosed to others without the prior written consent of HERE.

Trademark Acknowledgements

HERE is trademark or registered trademark of HERE Global B.V. Other product and company names mentioned herein may be trademarks or trade names of their respective owners.

Disclaimer

This content is provided "as-is" and without warranties of any kind, either express or implied, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, satisfactory quality and non-infringement. HERE does not warrant that the content is error free and HERE does not warrant or make any representations regarding the quality, correctness, accuracy, or reliability of the content. You should therefore verify any information contained in the content before acting on it.

To the furthest extent permitted by law, under no circumstances, including without limitation the negligence of HERE, shall HERE be liable for any damages, including, without limitation, direct, special, indirect, punitive, consequential, exemplary and/ or incidental damages that result from the use or application of this content, even if HERE or an authorized representative has been advised of the possibility of such damages.

Document Information

Product

Name: HERE Location Services Data Streams Template Deployment Guide

Version: Version 8.0.0.0

Document

Name: HERE Location Services Data Streams Template Deployment Guide

Status: FINAL

Date: 2019-Apr-09, 12:00 (GMT)



Contents

Notices	2
Legal Notices	3
Document Information.....	4
Contents	5
Overview.....	6
Introduction.....	7
Solution Template Overview	7
Deployment Guide	9
Acquiring HERE API Key.....	10
Deploying Solution Template on Azure Portal.....	10

Chapter 1

Overview

Topics:

- [Introduction](#)
- [Solution Template Overview](#)

This document introduces the deployment steps for HERE Maps & Location Services Data Streams Template on Azure Marketplace. The HERE Location Services Data Streams Template is a Solution Template on Azure Marketplace which deploys the HERE Maps & Location Services Data Streams into your resources along with a EventHub and CosmosDB.

Introduction

HERE Maps and Location Services Data Streams Template brings enterprise-grade, SLA backed location services to Azure applications. HERE Maps and location services solve a range of problems from map visualization, navigation and routing, geocoding, time zone look ups to geofencing, custom locations and routing, route matching GPS traces, geospatial, sequencing multiple waypoints, truck routing, positioning, etc.

Solution Template Overview

HERE Maps & Location Services Data Streams Template deploys HERE's enterprise class SLA backed Maps & Location Services, an EventHub and a CosmosDB for all your Azure Applications.

These services address a range of use cases like Fleet Utilization, Supply Chain Optimization, Urban Movement, etc., and open up new location intelligence opportunities in diverse industries like Automotive, Insurance, Internet and Media, Mobile Payments, Public Sector and Infrastructure, Telecom and Utilities, and Transportation and Logistics.

The function app in this ARM Template consists of the following HERE Location Service APIs:

Geocoding and Search

- Geocoder: Forward and Reverse
- Batch Geocoder
- Geocoder Autocomplete
- Places

Maps

- Map Image
- Map Tile

Navigation and Routing

- Routing - Mode (car, truck, public transit, bicycle) and algorithm (matrix, isoline routing)



Fleet Telematics

- Considering toll costs along a route
- Working with geofences
- Working with custom locations
- Building custom routes
- Integrating advanced HERE data sets
- Route matching GPS traces
- Calculating an optimal sequence of waypoints

More APIs

- Positioning - Provides positioning estimates based on global Wi-Fi and Cell coverage, which includes the latitude and longitude of the position with accuracy.



Chapter 2

Deployment Guide

Topics:

- [Acquiring HERE API Key](#)
- [Deploying Solution Template on Azure Portal](#)

Acquiring HERE API Key

All users of HERE APIs must obtain authentication and authorization credentials and provide them as values for the parameter HERE API Key in the HERE Credentials section in Azure's template deployment page.

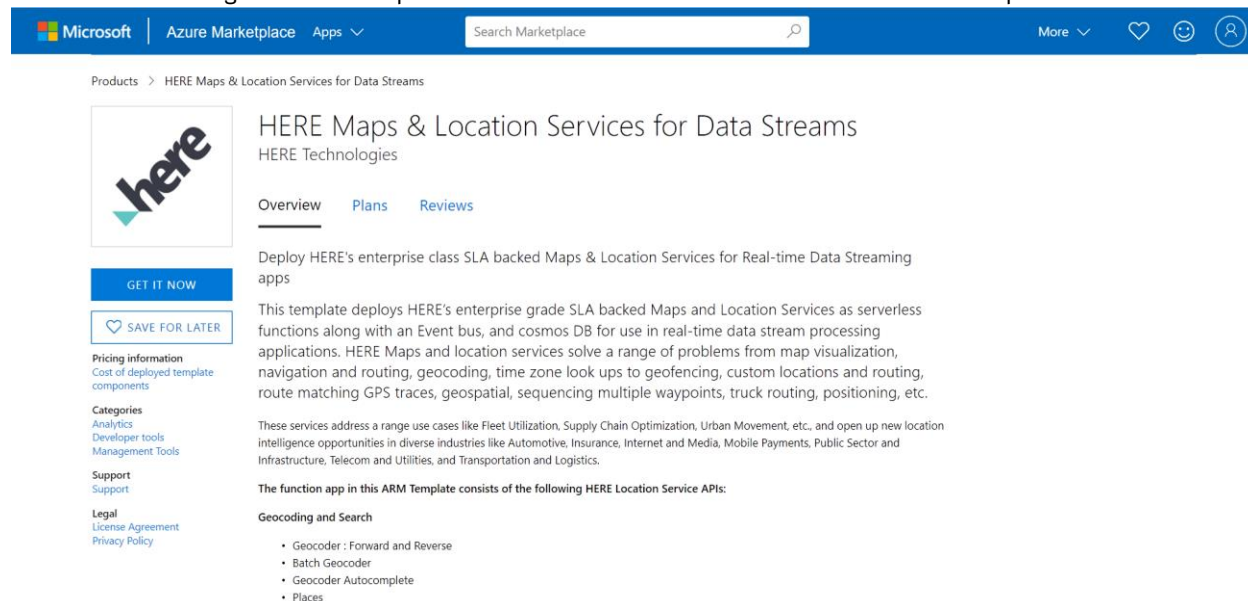
To obtain the credentials for the deployment of HERE Maps & Location Services Data Streams, please visit <https://developer.here.com> to register for FREE with HERE.

Deploying Solution Template on Azure Portal

The below steps help you deploy HERE Maps & Locations Services Data Streams Template in your Azure resource group.

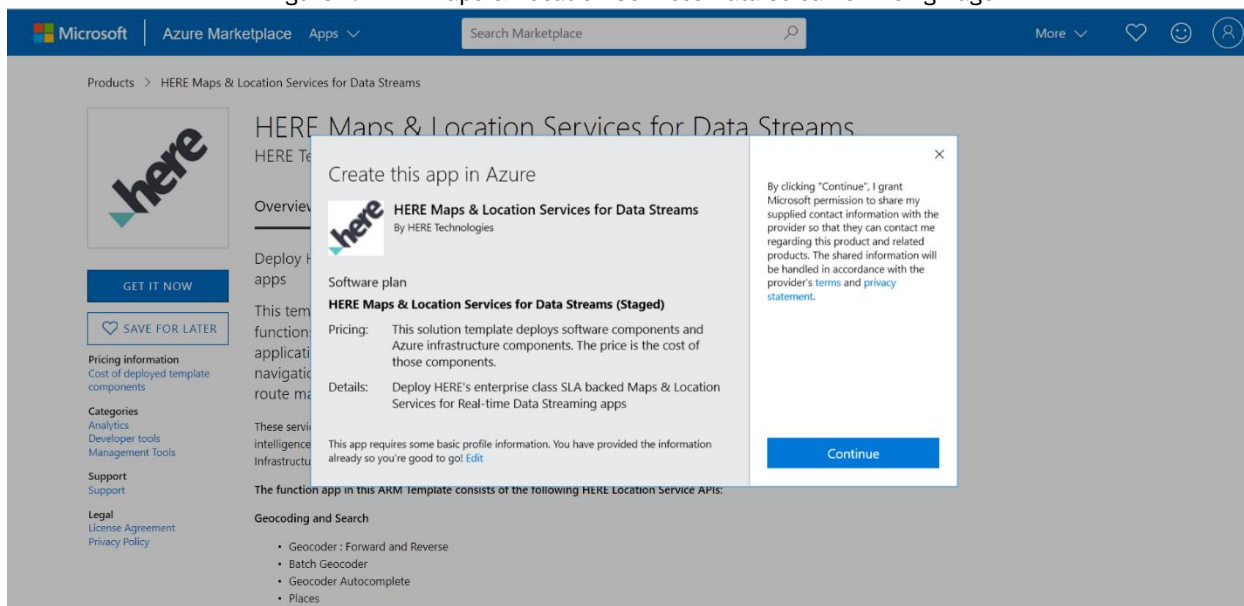
Step 1: Click on “Get it Now” button to start the deployment process.

Figure 1: HERE Maps & Location Services for Data Streams in Azure Marketplace



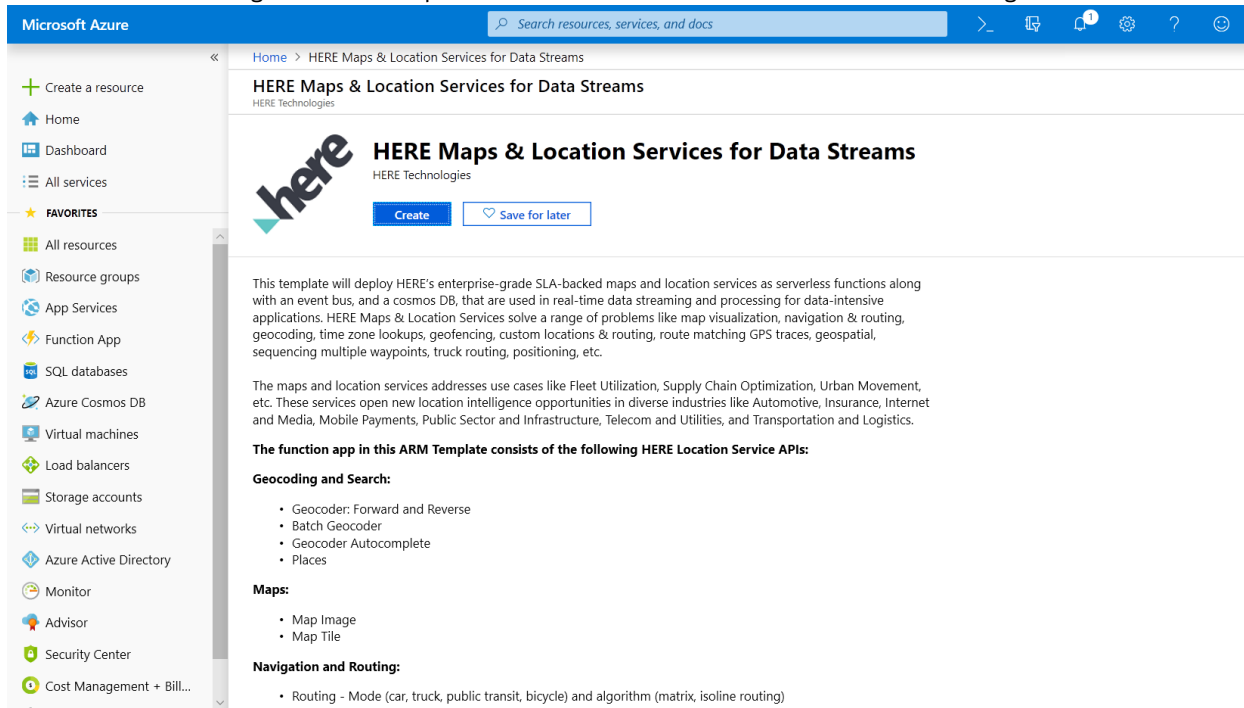
Step 2: Read through the Microsoft agreement and click on “Continue” when you are ready.

Figure 2: HERE Maps & Location Services Data Streams Pricing Page



Step 3: You will be re-directed to template deployment home screen. Click on “Create” button to continue.

Figure 3: HERE Maps & Locations Services Data Streams Azure Portal Page



Step 4: You will now be prompted to provide details specific to deployment. In the “Basics” use any existing resource group you might have or click on “create new” button to create a new resource group. Select your Subscription details and location and click “OK” to continue.

Figure 4: Template Deployment Page - Basic Section

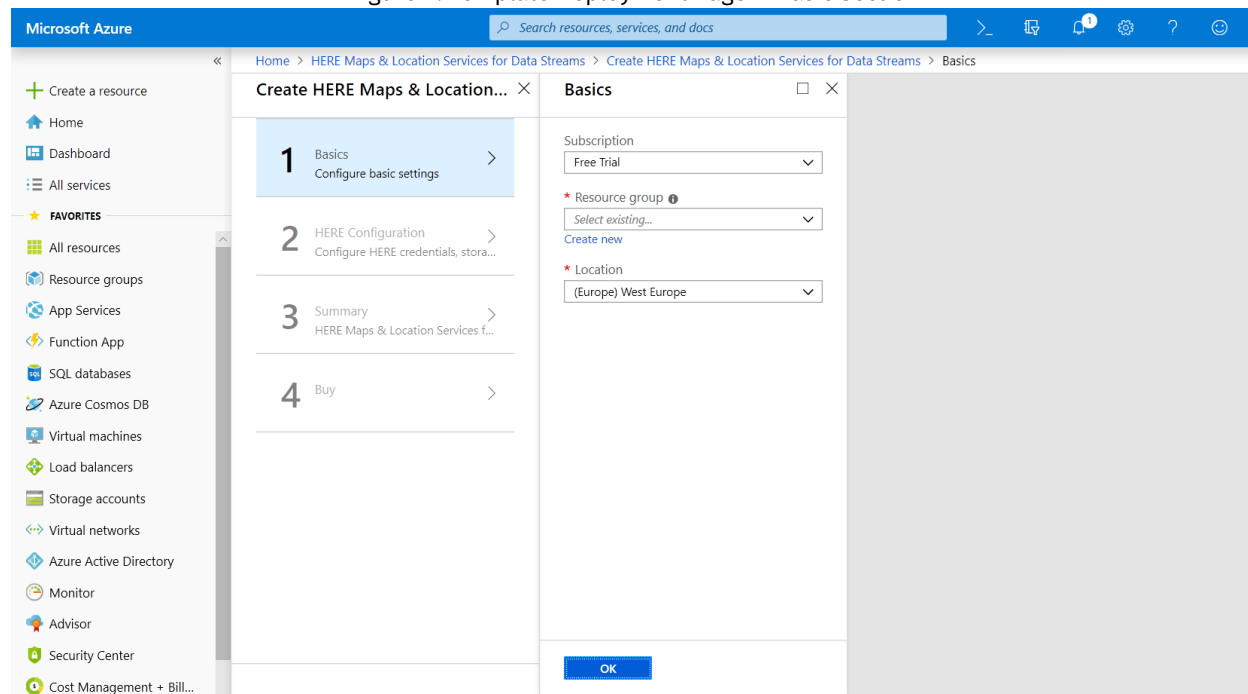
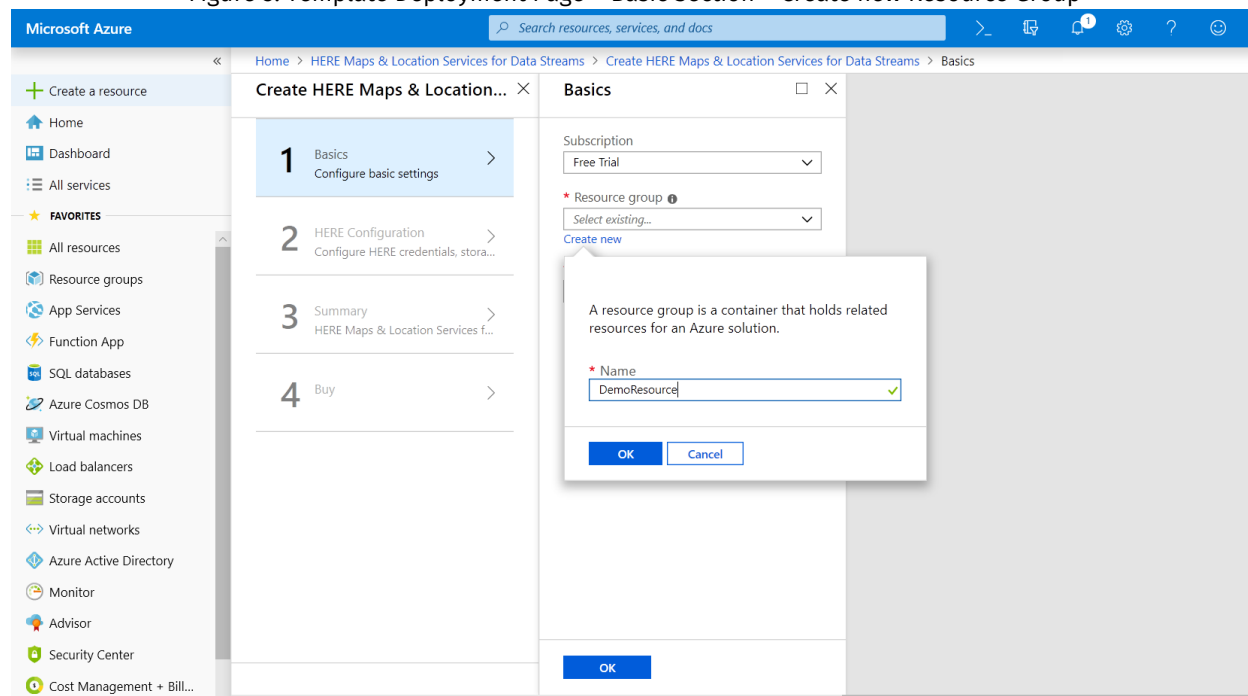
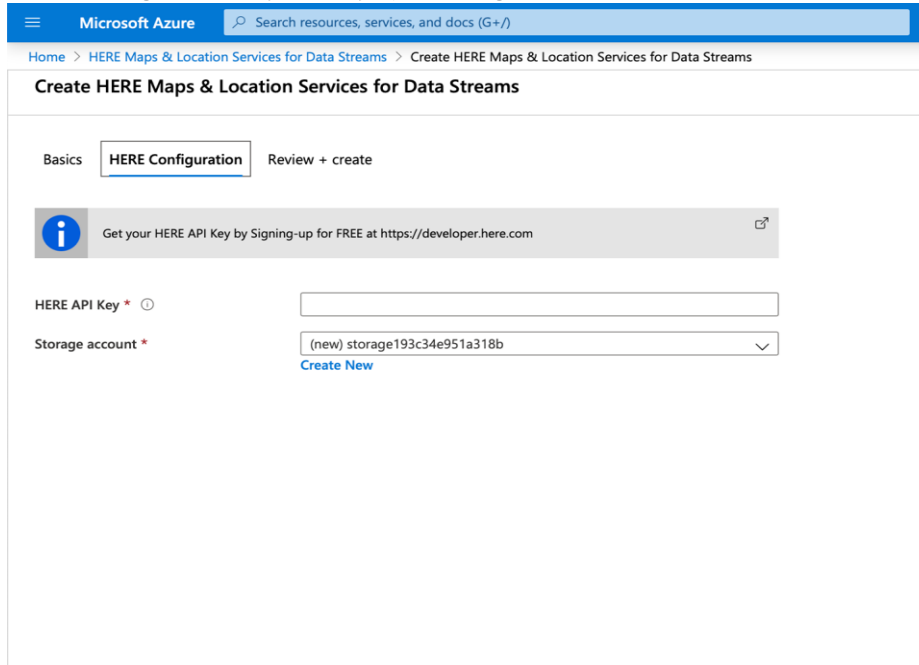


Figure 5: Template Deployment Page – Basic Section – Create new Resource Group



Step 5: You now need to provide HERE credentials (HERE API Key) which are pre-requisite to access HERE resources. If you already have HERE credentials available with you, provide the same and click “OK”. If you don’t have HERE credentials, please visit <https://developer.here.com> to register for FREE with HERE. You also need to select a Storage option, you can either select any existing Storage or continue with a newly created one.

Figure 6: Template Deployment Page – HERE Credentials Section



Microsoft Azure Search resources, services, and docs (G+)

Home > HERE Maps & Location Services for Data Streams > Create HERE Maps & Location Services for Data Streams

Create HERE Maps & Location Services for Data Streams

Basics **HERE Configuration** Review + create

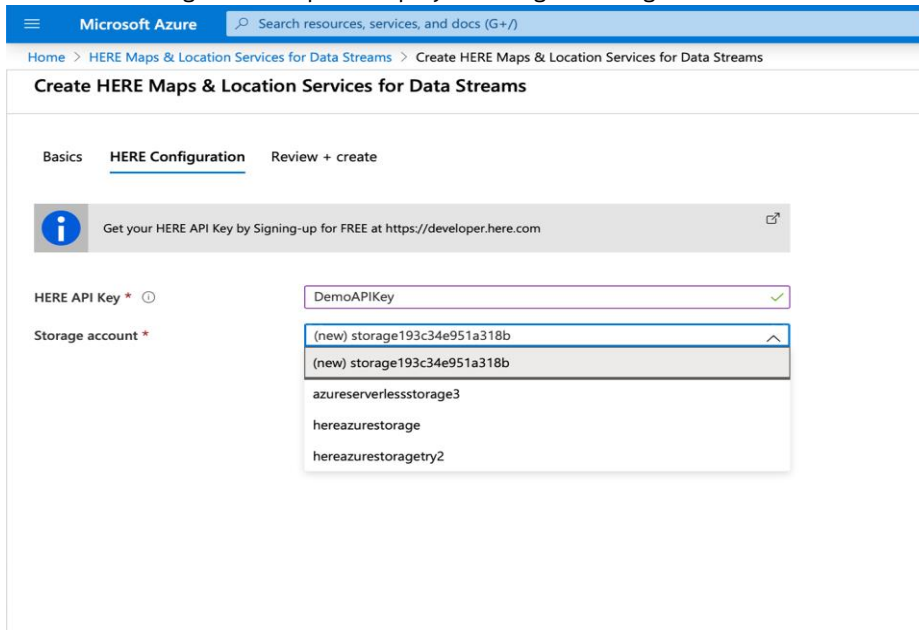
i Get your HERE API Key by Signing-up for FREE at <https://developer.here.com>

HERE API Key * ⓘ

Storage account * (new) storage193c34e951a318b

[Create New](#)

Figure 7: Template Deployment Page – Storage Selection



Microsoft Azure Search resources, services, and docs (G+)

Home > HERE Maps & Location Services for Data Streams > Create HERE Maps & Location Services for Data Streams

Create HERE Maps & Location Services for Data Streams

Basics **HERE Configuration** Review + create

i Get your HERE API Key by Signing-up for FREE at <https://developer.here.com>

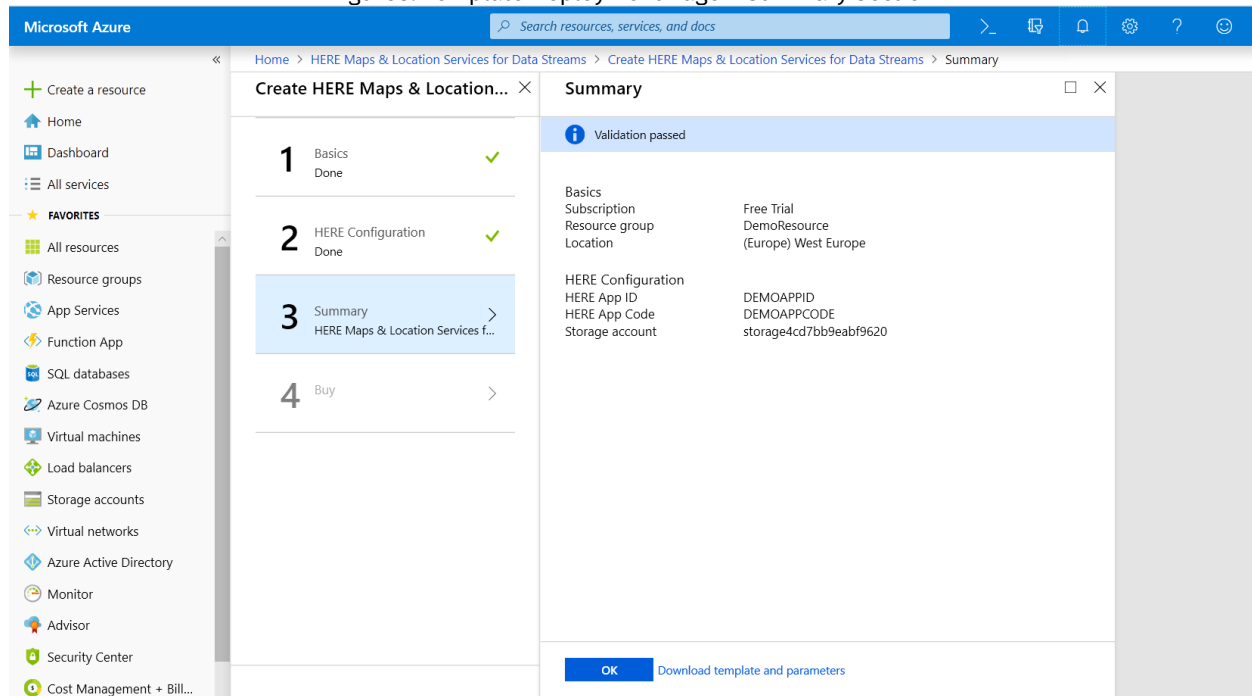
HERE API Key * ⓘ DemoAPIKey

Storage account * (new) storage193c34e951a318b

- (new) storage193c34e951a318b
- (new) storage193c34e951a318b
- azureserverlessstorage3
- hereazurestorage
- hereazurestorage2

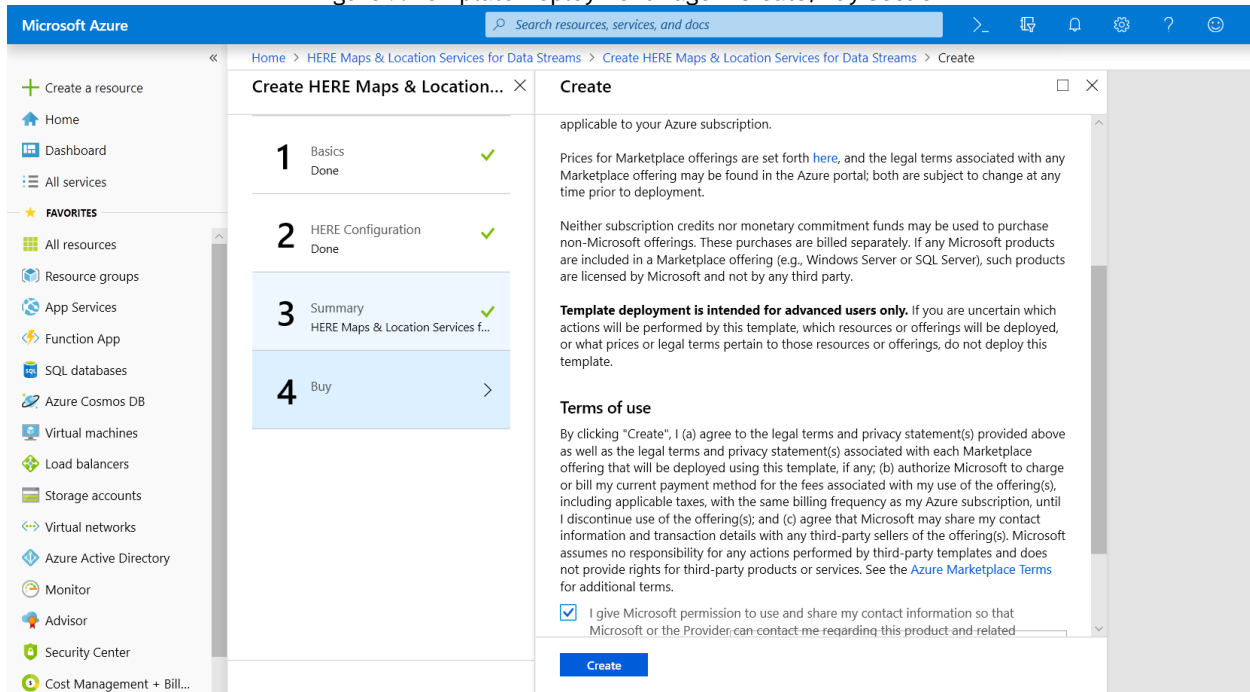
Step 6: You will see the summary of details, which were provided during the previous steps. Review the values and click “OK” once you are satisfied with all values.

Figure8: Template Deployment Page – Summary Section



Step 7: Review the master agreement and click the check box at the bottom of agreement. You are now ready for template deployment. Click on “Create” to start template deployment.

Figure 9: Template Deployment Page – Create/Buy Section



Step 8: Deployment should have started, and you will be able to see in the notification tabs deployment in progress. Once deployment is complete, you should receive the notification of the same and be able to see new resources in the resources section of your account.

Figure 10: HERE Maps & Location Services Data Streams Template Deployed

