Telehealth Management Platform

Release 5.2.5

Deployment, Installation, Back-Out, and Rollback Guide

September 2024

Department of Veterans Affairs
Office of Information and Technology (OI&T)

Introduction

This document describes how to deploy and install Telehealth Management Platform (TMP) Release 5.2.5 as well as the plan to rollback to a previous version or data set if necessary. 5.2.5 only includes updates to the Telehealth Availability (TA) Application Programming Interface (API) and the Microsoft Dynamics Wave 2 2024 update. The instructions have been customized for this release.

For more information on TMP dependencies, deployment environments, site readiness, resources, and roles and responsibilities, please see Standard DIBR Content on Confluence.

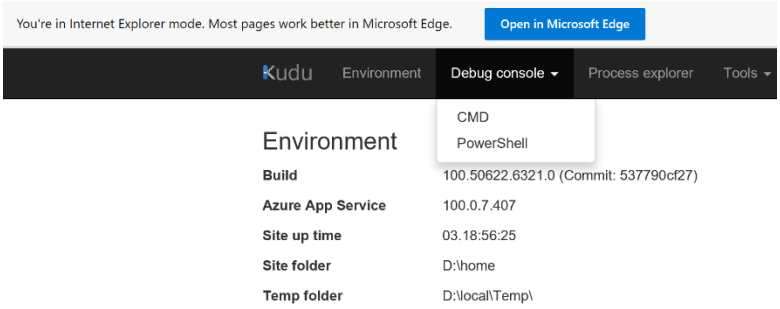
Please see the TMP 5.2.5 Release Notes for updates included in this release.

TMP Release 5.2.5 Deployment Instructions

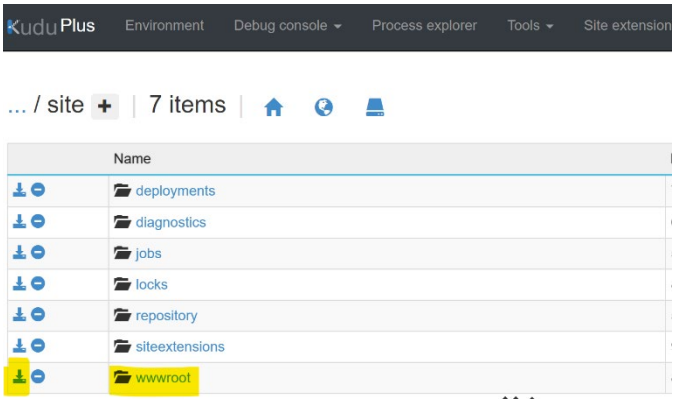
This section provides steps to deploy the TMP related changes in the Production environment, including deployment.

TA API deployment

1. Log into Kudu for either the Prod East or Prod South EIS regions for the Telehealth Specialty Location App Service. If you don't have the Publish Profile(s) for them you'll need to log into Azure and download them, first. Use the publishUrl, userName and UserPwd values from the Publish Profile to log into Kudu.
2. Select the CMD option from the Debug console menu.

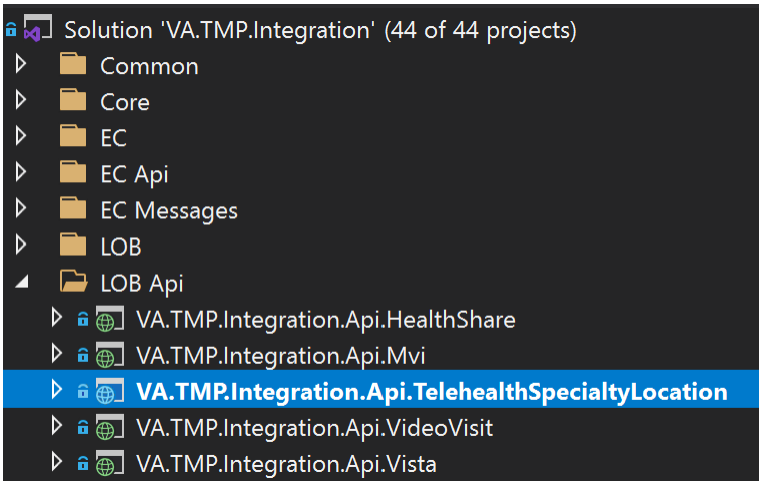


3. Then click on site link, followed by the wwwroot link.
4. Download a backup of the site folder (zip file) and save to GitHub.

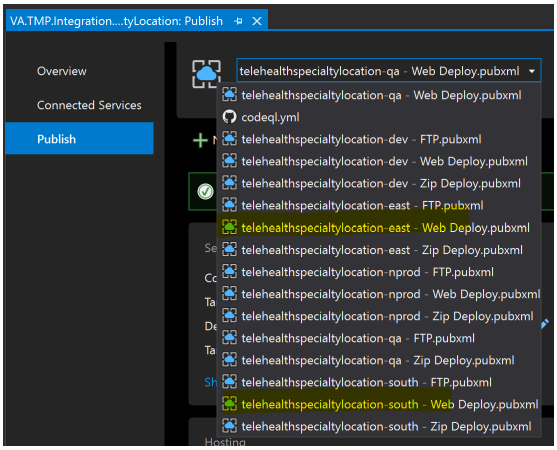


5. Open Integration Solutions Project in Visual Studio.

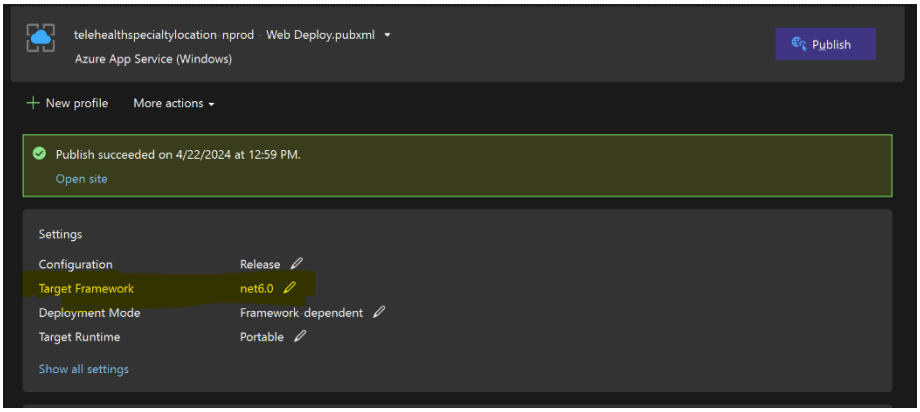
6. Locate the TelehealthSpecialtyLocation API Project in the LOB Api Folder (VA.TMP.Integration.Api.TelehealthSpecialtyLocation).



7. Either right-click on the Project and select the Publish option or select the Publish option from the Build Menu.
8. Select either the Prod East or Prod South EIS Publish Profile from the menu. If you do not currently have those Profiles as seen here you'll need to download them from Azure and Import them into Visual Studio, first.



9. Make sure the Target Framework is set to net6.0.



10. Click Publish.
11. Verify Publish
    a. Confirm the correct appSettings.json files were deployed via Kudu. There should only be 2, one named appSettings.json and one named appSettings.Prod.json.
    b. Confirm appSettings.Prod.json values: both BaseUrl and Scope should contain TMP Prod Url, and the AppId should have the correct AppId for the Production Environment. This value can be found in several locations such as the Web.Config Settings in any of the App Services TMP that send Data to TMP such as

IHS. Use the value from CrmAppId setting for confirmation. Update the Default Log Level to "ERROR" in the Logging section.

c. Open the web.config file and confirm the EnvironmentName attribute contains "Prod". This is used by the App Service to determine the correct appSettings.json to use.
d. Update the Log Level in the log4net.config file. Set the value for the "level" element in the root section to "ERROR" and Save.

12. Repeat Steps 1 thru 11 for the other remaining Region (i.e. East or South).

Wave 2 2024 update

Enable Wave 2 2024

1. Select an environment in the Power Platform admin center.
2. Find the 2024 release wave 2 under Updates.
3. Click **Manage** and click **Update now**.
4. Wait for **Dynamics 365 Service Extended** and **Dynamics 365 Core Service** to complete.

Verify Dataverse search is Off

Please ensure the Dataverse search is disabled as it will cause problems in TMP. If the setting is not turned off, complete the following steps.

1. Select an environment in the Power Platform admin center.
2. Select **Settings** > **Product** > **Features**.
3. Locate the Search options and set Dataverse search to **Off**.
4. Select **Save**.

Deployment Verification & Testing Procedure

For 5.2.5, the following testing will be performed by the specified groups.

SQA environment testing

- The SQA team will perform regression testing for the Wave 2 2024 update.
- The Dev team will perform smoke testing of the API.
- The SQA team will perform API testing using Postman.

Preprod and Production environment testing

- Business will perform regression testing for the Wave 2 2024 update.
- The Dev team will perform smoke testing of the API.
- The API consumers (CCST) will test the API using Postman and the CCST tool.

TMP Release 5.2.5 Backout and Rollback Plan

If a backout is required, the deployment engineer would redeploy the backup of the App Service or disable the Wave 2 2024 update.

To redeploy the backup of the App Service:

1. Log into Kudu for either the Prod East or Prod South EIS regions for the Telehealth Specialty Location App Service. If you don't have the Publish Profile(s) for them you'll need to log into Azure and download them, first. Use the publishUrl, userName and UserPwd values from the Publish Profile to log into Kudu.

2. Select the CMD option from the Debug console menu.
3. Then click on site link, followed by the wwwroot link.
4. Drag and drop the backup (zip file) on the wwwroot folder.
5. Repeat steps 1 – 4 for the second region that was not done in step 1.

Rollback Verification Procedure

Manual confirmation of the environment. Confirm any modifications made during the deployment are no longer present and compare file dates to confirm the backups are deployed. Some smoke testing may be required.

Deployment, Testing, and Rollback Checklist

This section will be completed once each task is complete.

Activity	Date	Individual who completed activity
SQA Deployment	9/6/2024	
SQA Testing Completed	10/22/2024	SQA
Preprod Deployment	10/22/2024	
Preprod Testing Completed	10/25/2024	Concurrences
Production Backup	10/25/2024	
Production Deploy	10/25/2024	
Production Testing	10/25/2024	Business, CCST
Production Go/No Go	10/25/2024	
Production Rollback	N/A	