wavenet

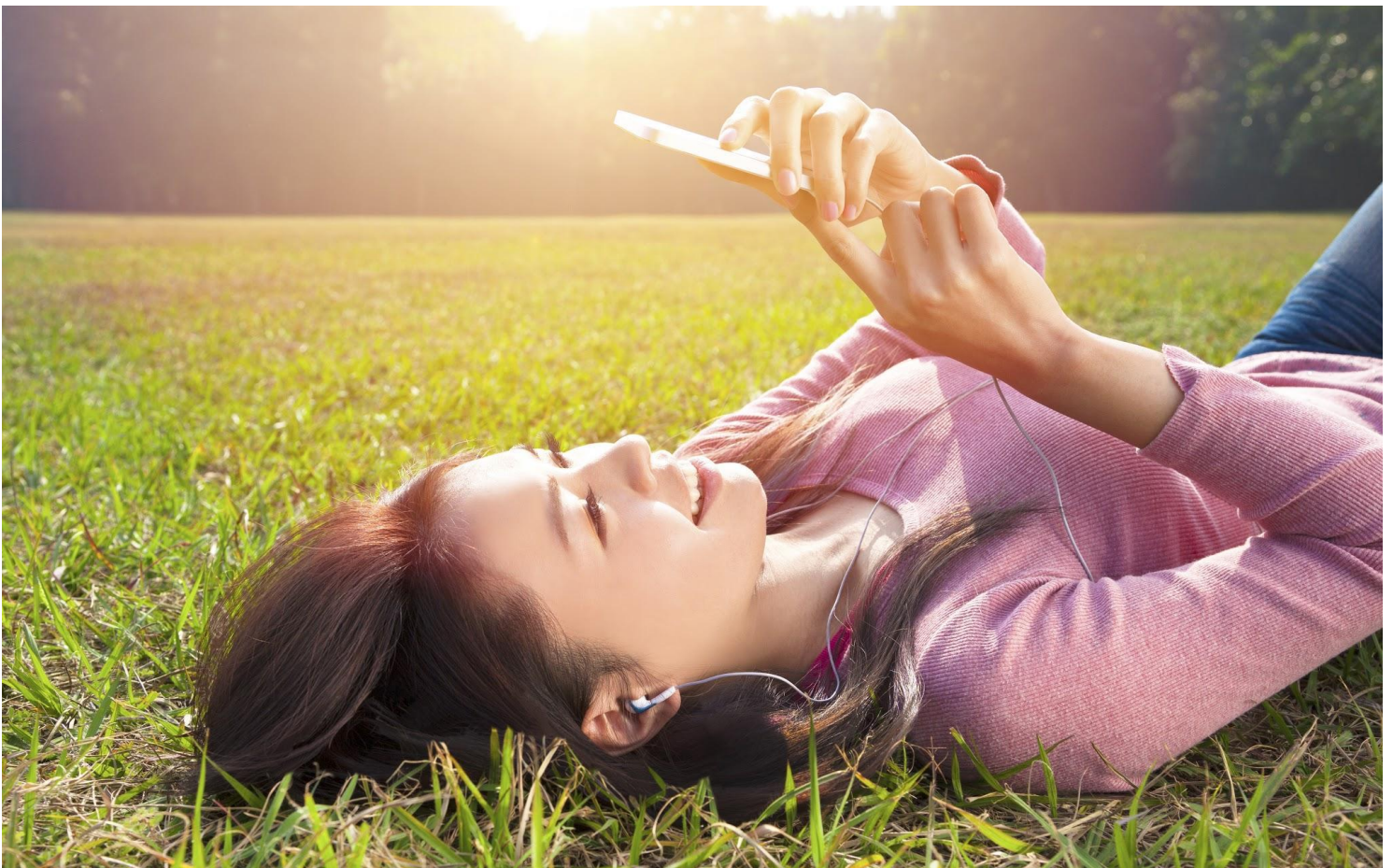# Subscription & Content Manager

User Manual

Azure Marketplace

www.globalwavenet.com

Document Control

Version Number and Status	Version 1.0
Document Date	21/02/2023
Security Classification	Internal / External

Document version history

Version	Date	Author	Description
1.0	07/03/2023	Janithri Kariyawasam	Authoring

Document Control

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1   Sign into Azure Marketplace

1. Visit https://azuremarketplace.microsoft.com/en-us/ website and click on **Sign in**.

Figure 1: Sign into Azure Marketplace

2. Enter your Microsoft email address that you prefer to use when acquiring apps on
    Azure Marketplace and click on **Sign in**.

Figure 2: Entering Microsoft Email Address

3. Enter your Microsoft account password and click **Sign in**.

Figure 3: Entering Microsoft Password

4. Perform Two-Factor-Authentication if required, and proceed with Sign-in.

Figure 4:.Performing Two-Factor-Authentication

5. Upon successful sign-in, you will be redirected to the Azure Marketplace home page.

2   Search and Sign Up for the Get It Now Option of the Subscription & Content Manager

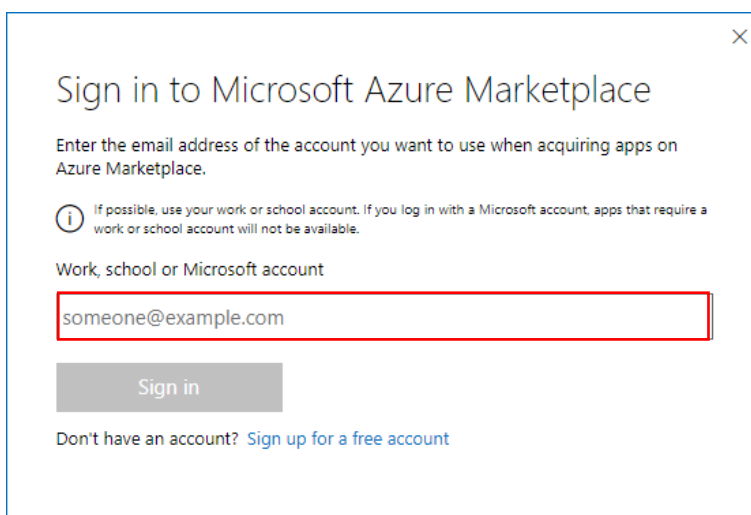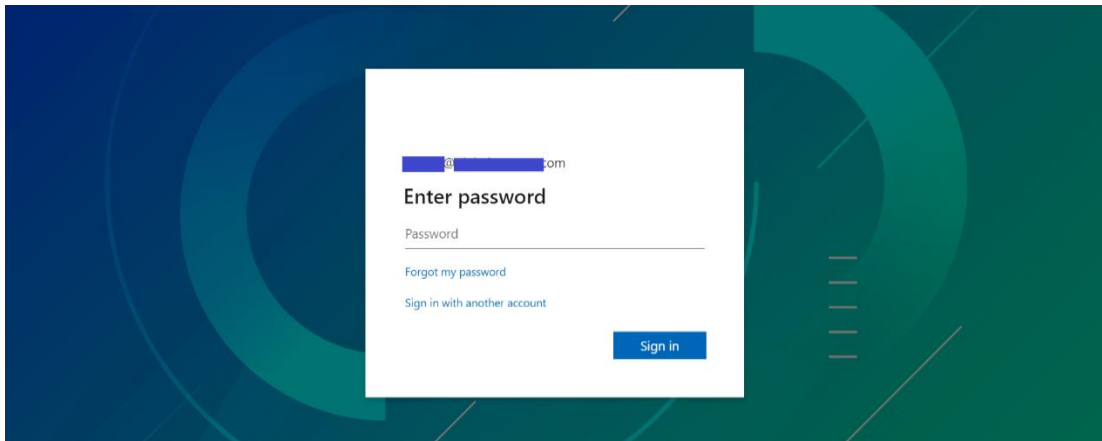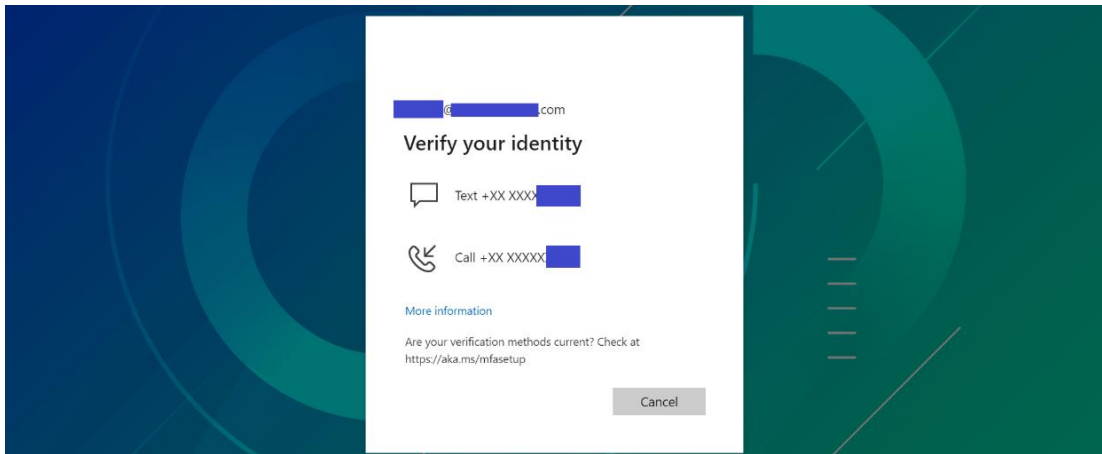1. Search for **Subscription & Content Manager** in the search bar and choose the following option.

   Via Suggestions:
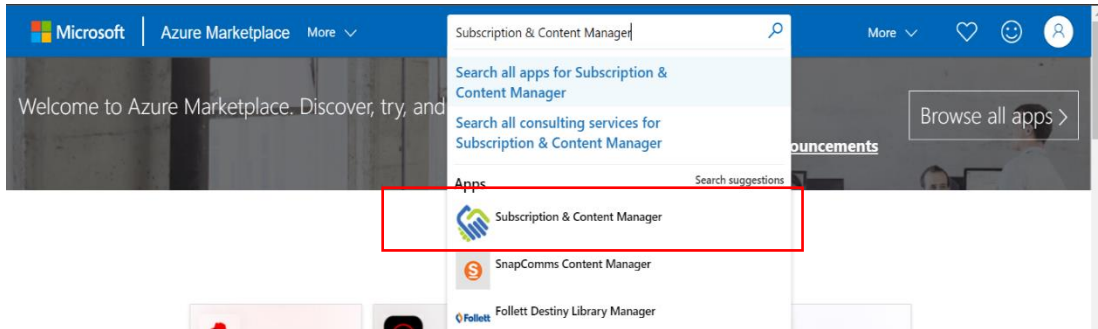
Figure 5: Searching for Subscription & Content Manager via Suggestions

   Via Search Results:
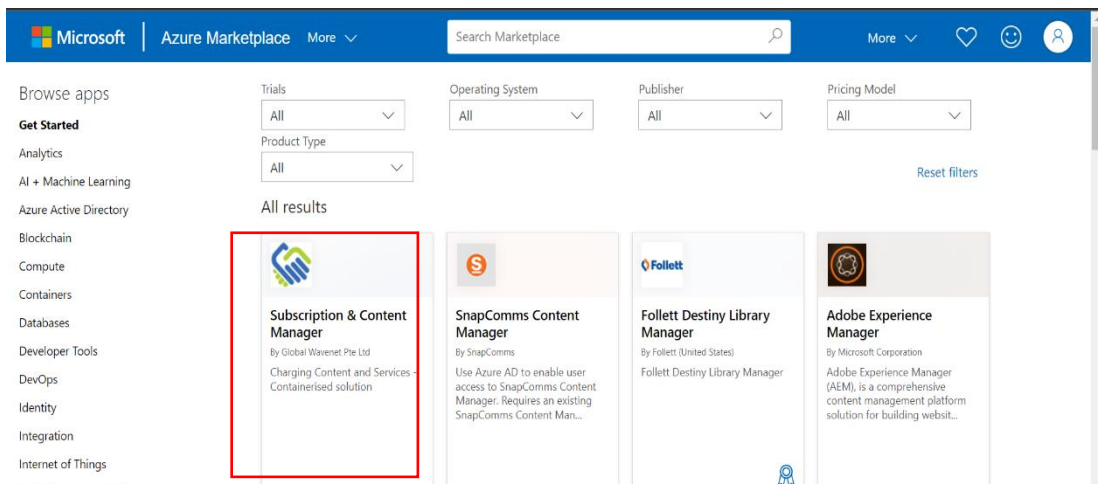
Figure 6: Searching for Subscription & Content Manager via Search Results

2. You will be redirected to the **Subscription & Content Manager** product page, which will contain details of the product and options to acquire.

3. Click on **Get it now** button to get the SCM (Subscription & Content Manager) product in Azure. Popup screen will be visible with product details and the privacy statement. Click on **Continue** to proceed.

3   Package Selection and Resource Group Creation

1. Select your package of choice from the from plan selection dropdown and click on **Create** button.

Figure 7: Package Selection and Resource Group Creation

4 Basic Settings

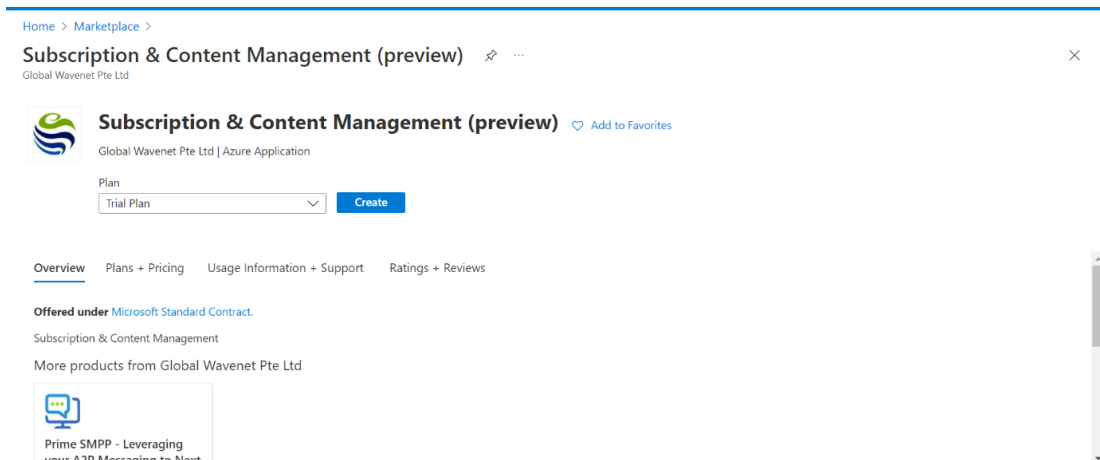1. Select the Azure subscription which you wish to utilize for SCM.

2. Choose the resource group. If the resource group is not in the drop-down menu, then click on Create new and create a new resource group. **Resource Group** - A resource group is a collection of resources that share the same lifecycle, permissions, and policies.

3. Select the **Region**.

4. Enter a domain name you prefer. A URL will be auto-generated with this domain, that you can use to access the SCM application.

5. Now enter a name for the application.

6. Based on the information you have entered, the **Managed Resource Group** name will be auto generated. This resource group holds all the resources that are required by the managed application.
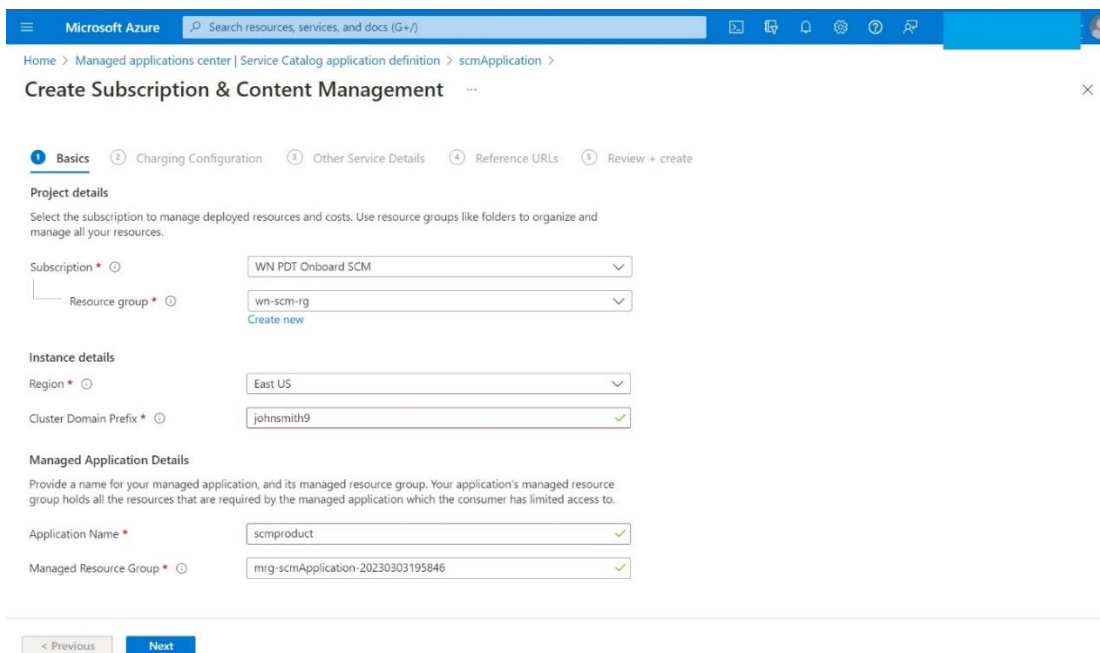

Figure 8: Basic Settings

7. Then Click on the **Next: Charging Configurations** button**.**

5 Charging Configurations

1. Please choose at least one Online Charging System (OCS) to continue. (You can choose and configure multiple OCS based on availability).
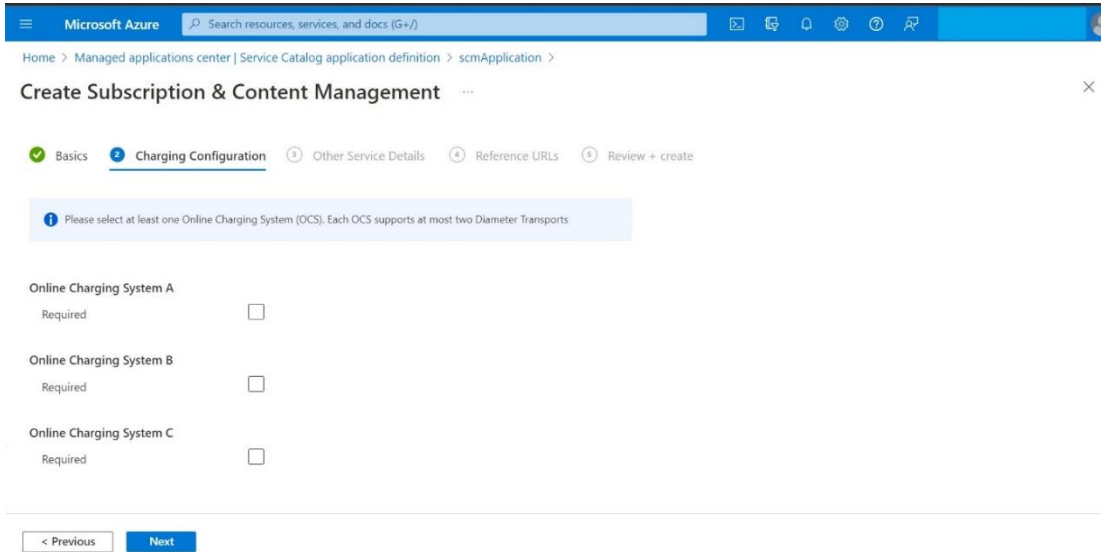

Figure 9: Selection of Online Charging System

2. Once chosen, the following default values will be populated. Please replace them with the details relevant to your OCS.
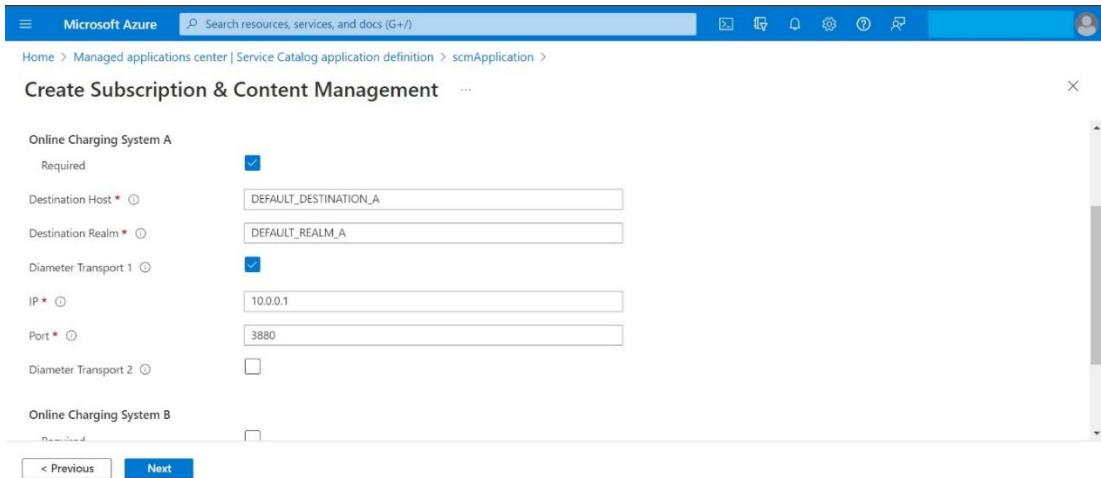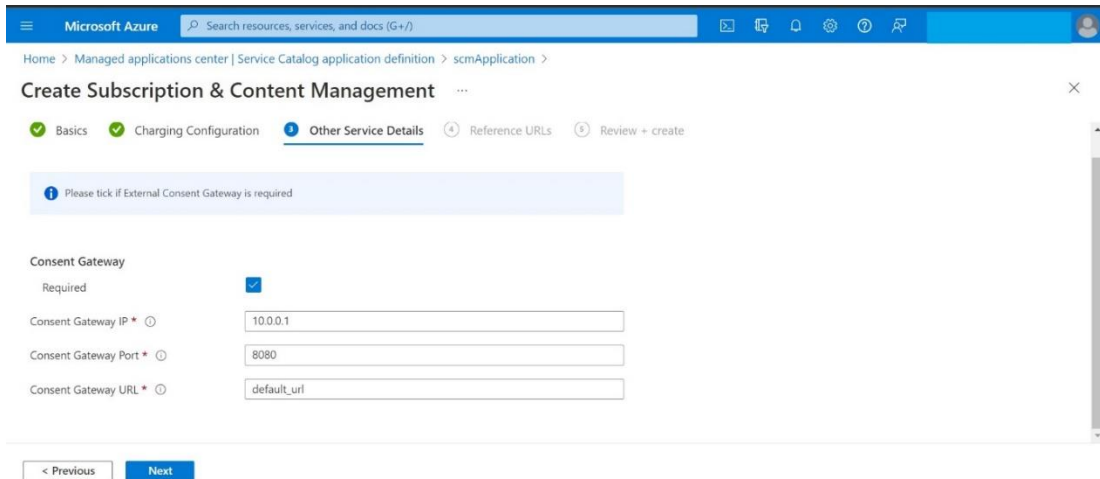

Figure 10: Replacing Defaults Values

- Destination Host

- Destination Realm

- Choose a Diameter Transport option and enter the IP and Port of the relevant Diameter Transport link.

6   Configure Other Service Details (Consent Gateway)

1. If you have your own consent gateway, please enter the relevant Gateway IP, Gateway Port and Gateway URI.

2. If you do not have your own Consent Gateway, please proceed without marking the **Required** check box.
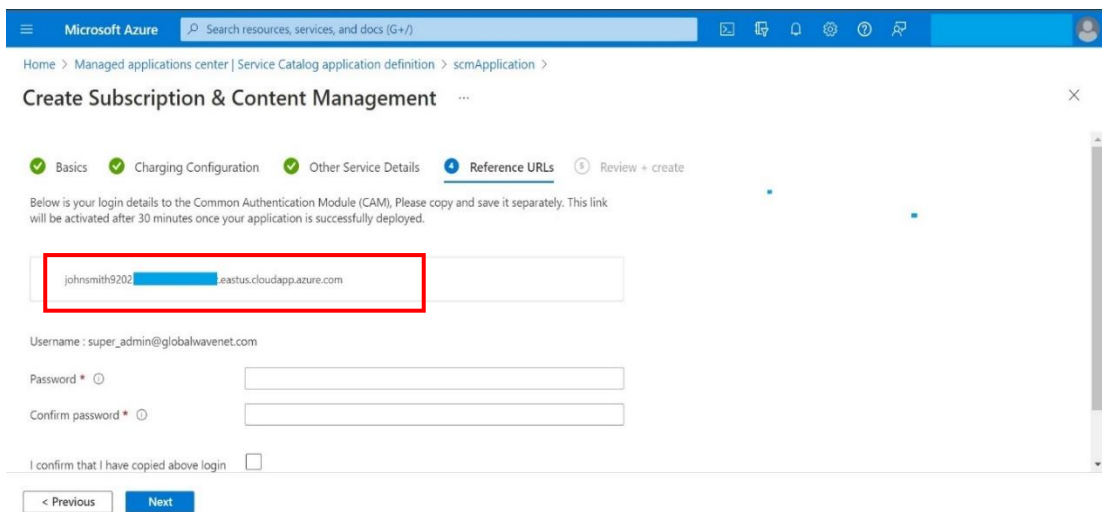

Figure 11: Configuring Other Service Details

7 Reference URLs

1. Copy and save the above auto generated URL in a accessible location. You will be accessing the SCM application via the above URL, which is therefore crucial to be copied and saved.

2. Copy and save the mentioned default username generated above, as this will be your login username to access SCM.

3. Please enter a strong password to ensure secure login. **The first letter should be uppercase, must contain a special character and the minimum length should be 13 characters.**

Figure 12: Reference URLs

4. Once you have copied and saved the above login details (URL, username) please mark the **I confirm that I have copied above login** check box.

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8   Review + Create

1. Review and validate all information you have provided.
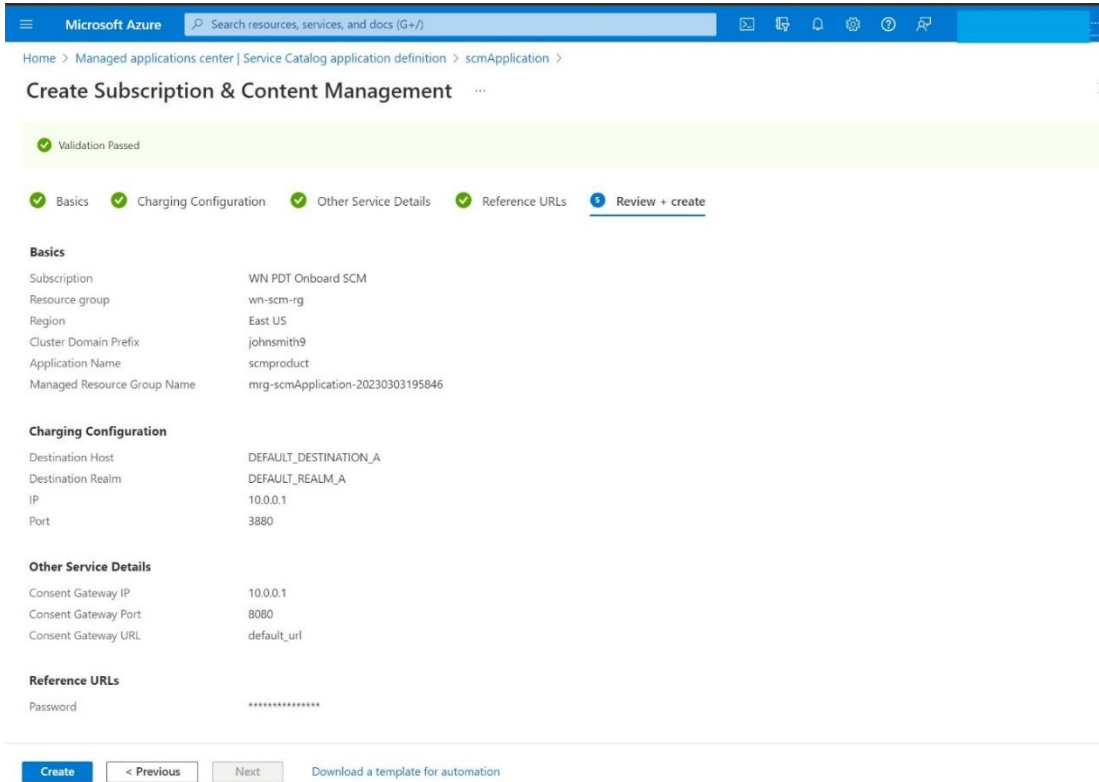

Figure 13: Reviewing and Validating Information

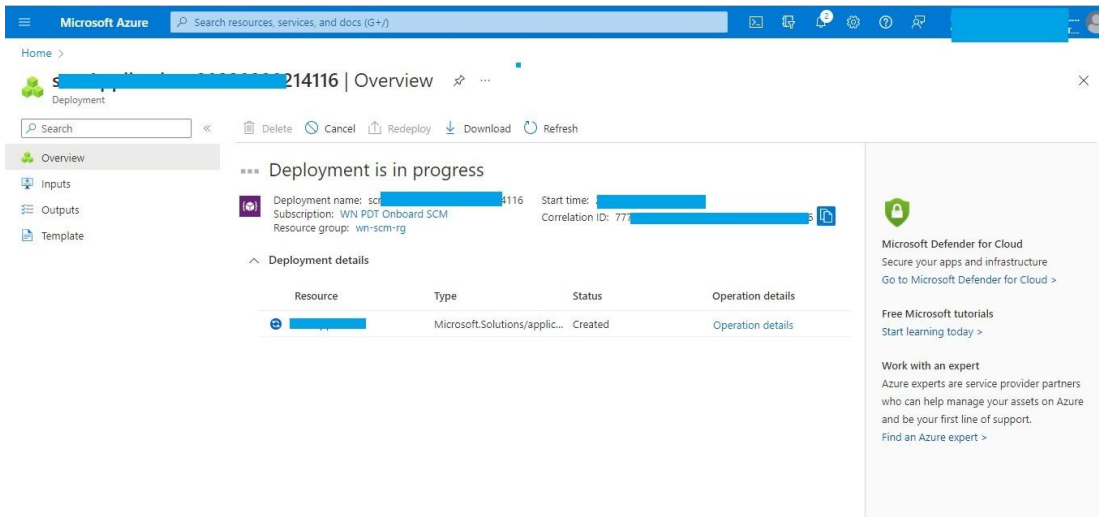2. Click on the **Create** button, and your deployment should begin.

Figure 14: Deployment In-progress

Note: SCM will be deployed in 30 to 40 minutes.
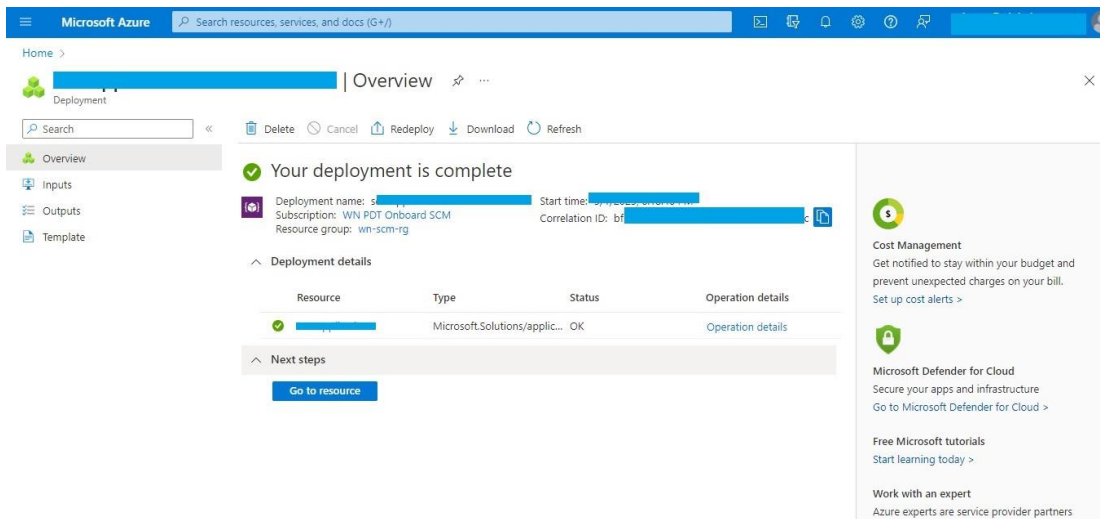

Figure 15: Deployment Completed

9   Common Authentication Module (CAM) Configurations

1. Use copied URL and open it in a Browser.

2. You will be navigated to CAM log-in page.
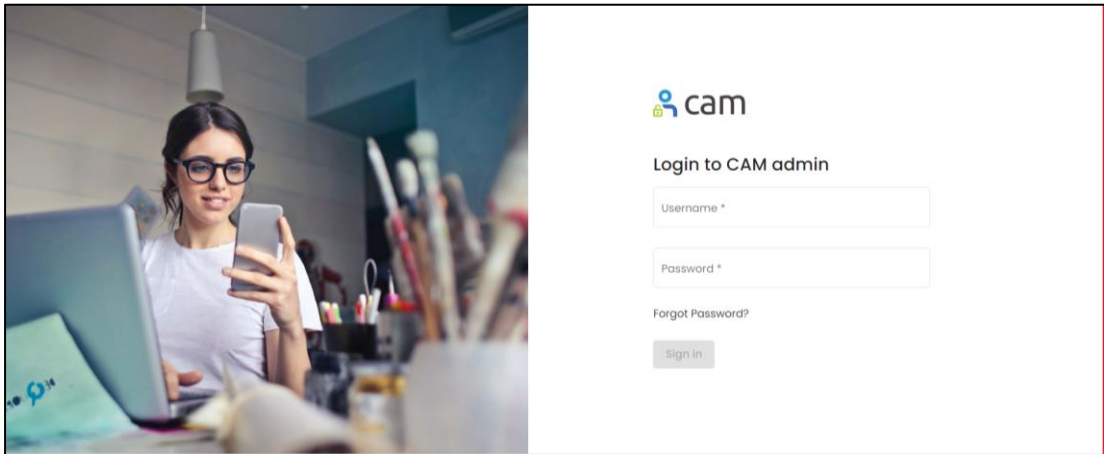

Figure 16: CAM Authentication Screen

3. Log in to CAM by providing the correct credentials. (Default username and the password you previously created.)
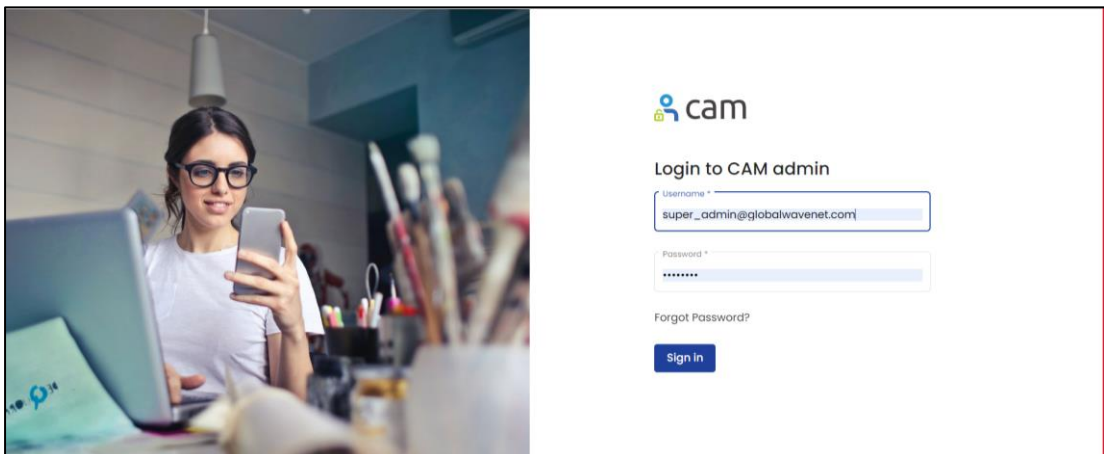

Figure 17: CAM authentication with Credentials

You will now be able to access the available modules for you on CAM. This is where you can access the SCM application.
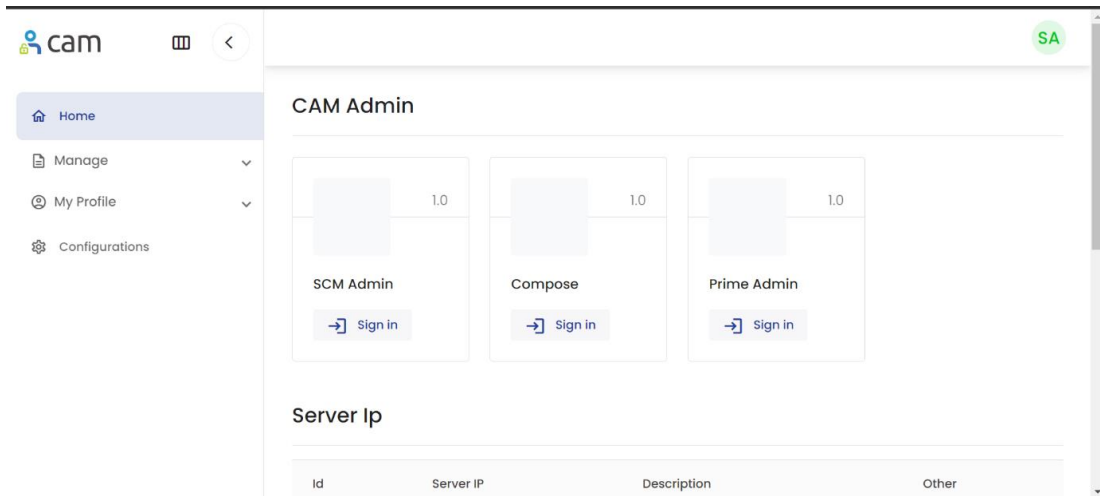

Figure 18: Accessing the SCM Application

10 Sayura (Compose) Configurations

10.1 Obtaining Service-related endpoints via Sayura (Compose)

- When creating and managing subscription and content services on SCM, you are required to configure endpoints for different service logic flows such as **Subscription**, **Unsubscription**, **Suspend** and etc.

- In order to obtain these pre-configured endpoints, you are required to access Sayura (Compose).

1. Enter Sayura (Compose) via CAM, and view **Agents**.
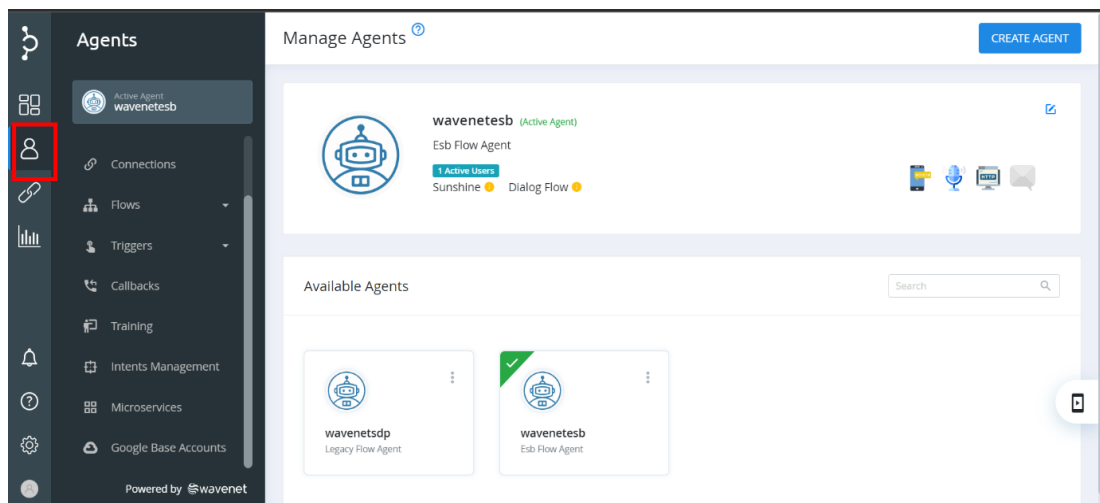

Figure 19: Accessing Sayura via CAM and viewing Agents

2. You will find two agents that are already created as follows.

- **Wavenetsdp**: This agent handles the legacy flows relevant to SCM. Such as subscriptions, Unsubscriptions via SMS, USSD and IVR.

- **Wavenetesb**: This agent handles all the generic flows relevant to SCM that are not related to legacy flows.

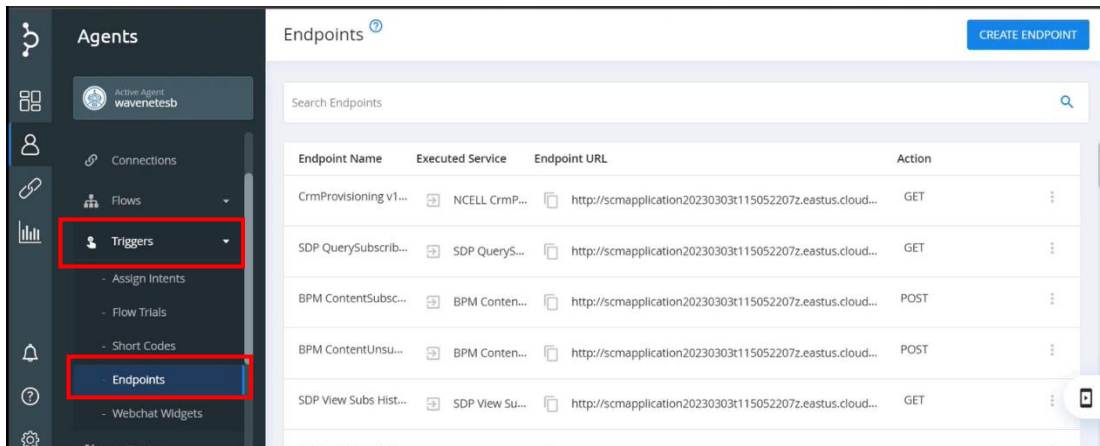3. Visit the **Endpoints** section underneath **Triggers** to find the relevant endpoints for each flow.

Figure 20: Accessing Endpoints

Please use the following keywords to search up endpoints:

Endpoint	Request Type	Keyword
Subscription	POST	BPM ServiceSubscription
Unsubscription	POST	BPM ServiceUnSubscription v102
Consent Notification Endpoint	GET	ConsentSmNotifyV104
Subscription Grace Period Request	POST	BPM ServiceGraceSub v100
Subscription Suspend Request	POST	3rd_party_suspend
Subscription Resume Request	POST	3rd_party_resume
Direct Debit Request	POST	SDP Direct Debitv100
New Network Activation	POST	CrmProvisioning v105
Network Deactivation	GET	CrmProvisioning v105

10.2 Onboarding your Device Management System and CRM

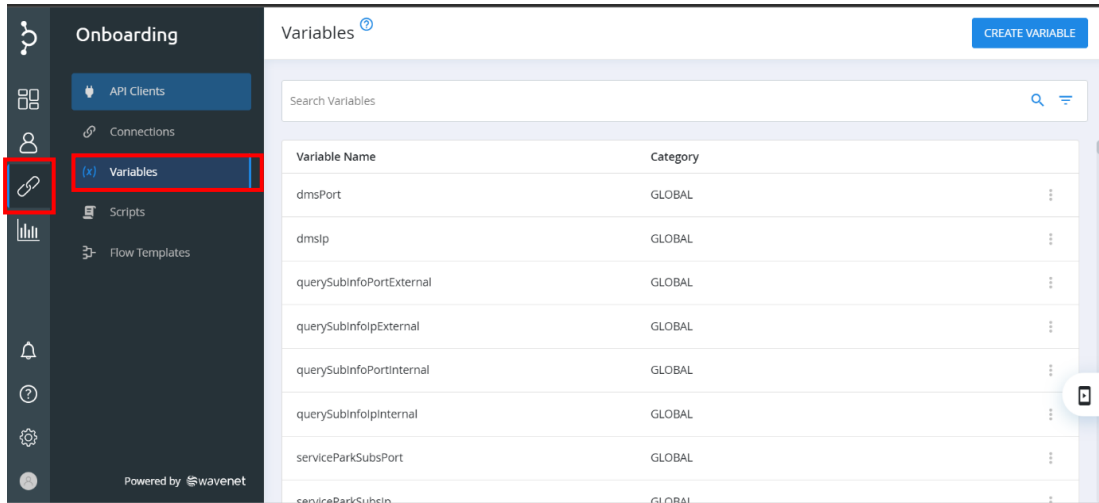1. Click on the **Onboarding** and enter the **variables** section.

Figure 21: Accessing Onboarding

2. Find and note the following variables:

   "dmsPort", "dmsIp", "querySubInfoPortExternal" and "querySubInfoIpExternal"
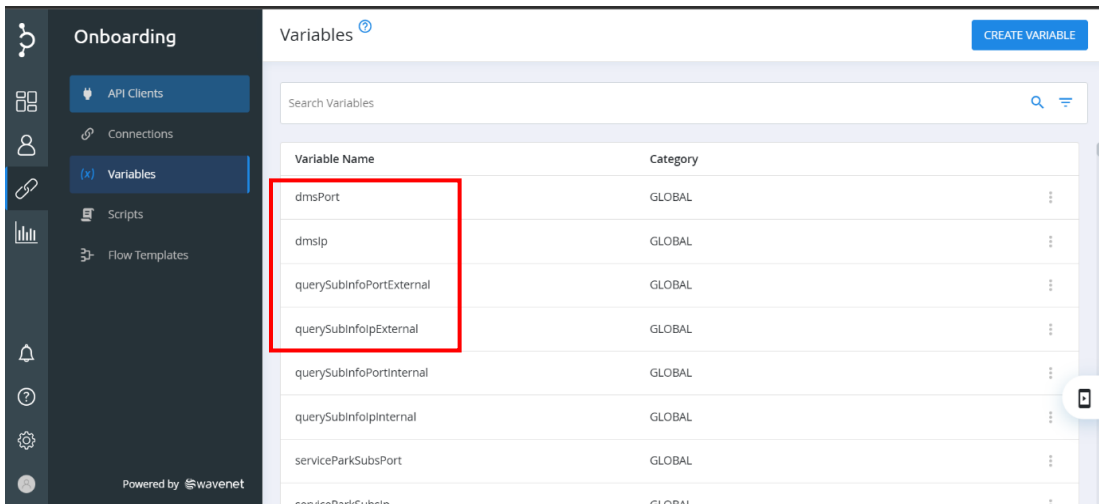

Figure 22: Accessing Onboarding

3. Enter the PORT and IP of your DMS (Device Management System) under the variables **'dmsPort'** and **'dmsIp'** respectively, to configure your DMS connection with SCM.
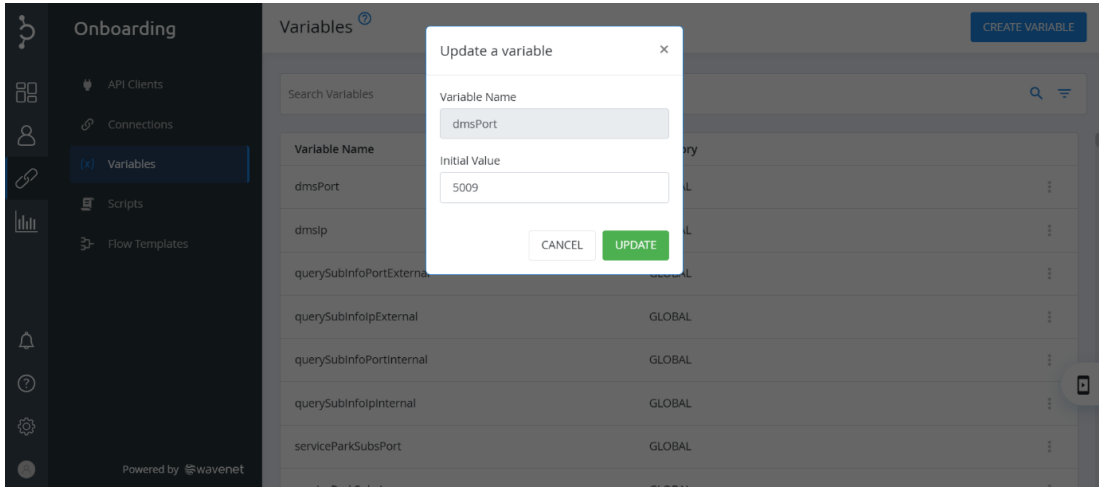

Figure 23: Entering the PORT and IP of the DMS

4. Enter the PORT and IP of your CRM under the variables **'querySubInfoPortExternal'** and **'querySubInfoIpExternal'** respectively, to configure your CRM connection with SCM.
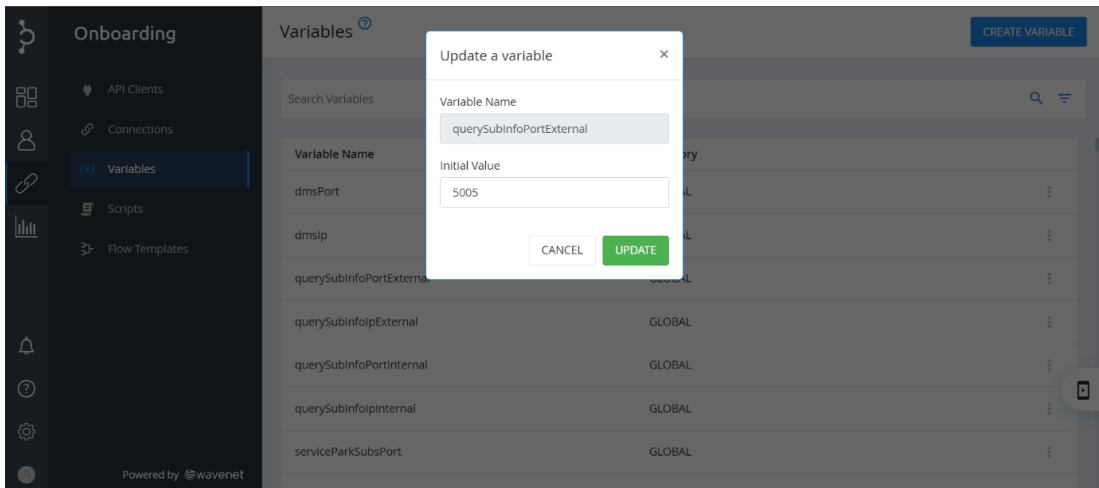

Figure 24: Entering the PORT and IP of the CRM

Login to SCM and start your journey!