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SMSC User Manual

Confidential Document

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1   Logging in

1.   Login into the Microsoft Azure Marketplace with credentials.

2.   Search for Prime SMSC in Published Products.

3.   Select the Service and click on it.

4.   Click on the Get it now button.

5.   The user will be navigated to the below page:

Step 1:

1.   Select a Plan from the drop-down menu and click on the **Create** button.
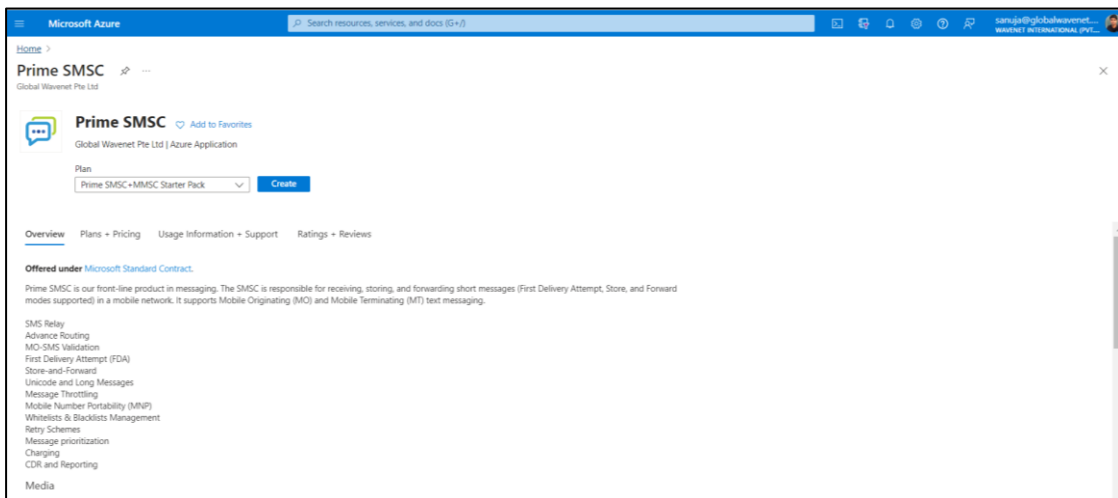

Figure 1: Selecting Service

Step 2:

1.   Select the **Subscription** and **Resource Group**, if the resource group is not in the drop-down menu, then click on **Create new** and create a new resource group.
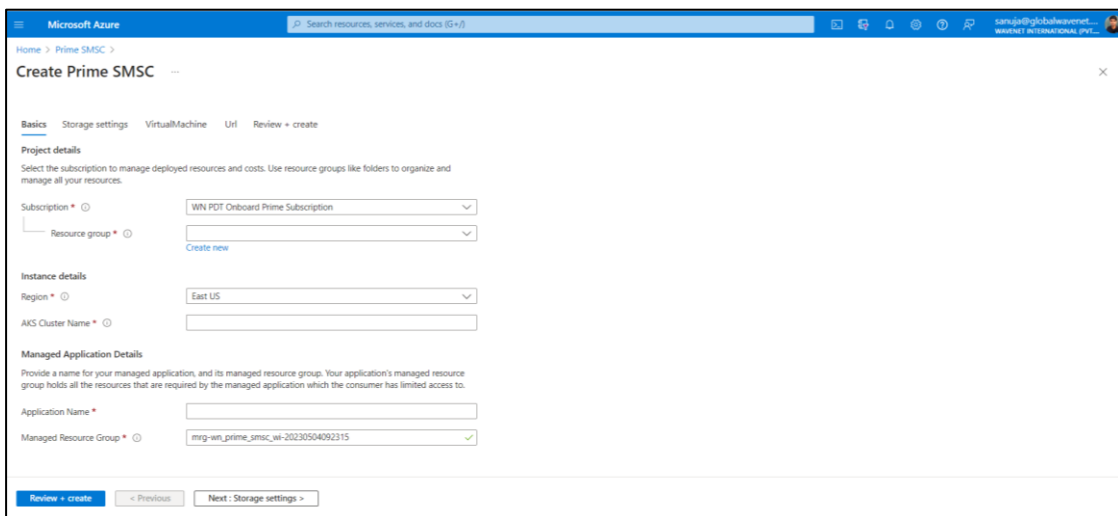

Figure 2: Selecting Plan

Resource Group - A resource group is a collection of resources that share the same lifecycle, permissions, and policies.

2. Select the **Region** and enter the **AKS Cluster Name**.

    This is the Kubernetes Cluster Name, Cluster Name **should contain only Alphanumeric, Hyphens and should be 3 to 63 characters in length**.

3. Now enter the Application Name.

    The name **should contain only Letters, Numbers and should be 3 to 32 characters long**.

    Managed Resource Group - This resource group holds all the resources that are required by the managed application. For example, this resource group contains virtual machines, storage accounts, and virtual networks for the solution.

4. Then Click on the **Next: Storage Settings** Button**.**

Step 3:
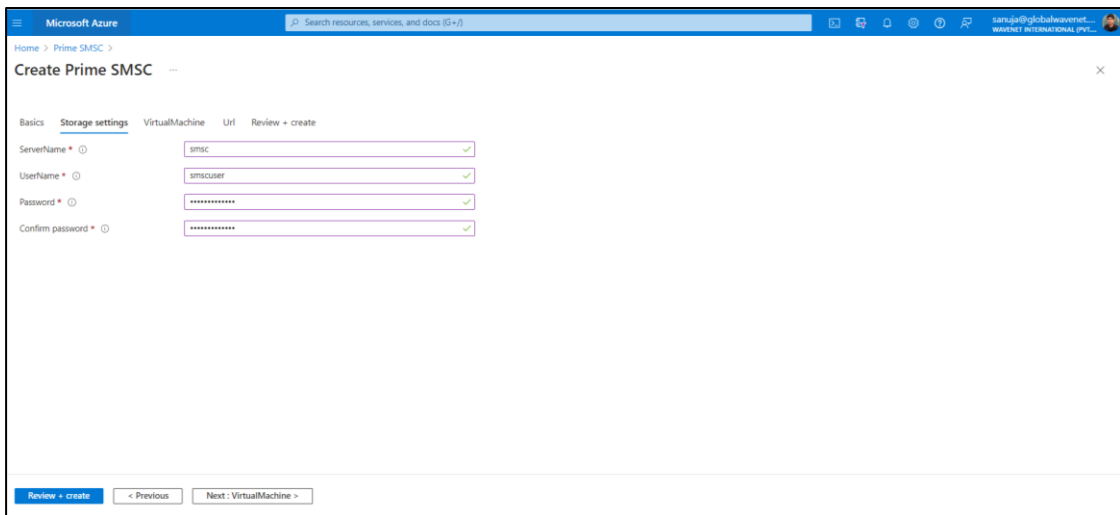
1. The user needs to create Storage Settings.

Figure 3: Configuring Storage Settings

2. The User needs to enter the **Server Name, UserName, and Password** which are mandatory fields, the user needs to enter the same password in the **Confirm password** field which is entered in the Password field.

Field Name	Validations
Server Name	• The value must not be empty. • Only alphanumeric characters are allowed, and the value must be 1-4 characters long. • The value must be between 1 and 15 characters long.
Username	• The value must not be empty. • Only alphanumeric characters are allowed, and the value must be 1-30 characters long. • The value must be between 1 and 15 characters long.
Password	• The value must not be empty. • Password must be at least 8 characters long, contain only numbers and letters. • Can't include any part of UserName or Server Name.

The UserName and Password are the credentials that are used to enter the Reporting Database.

3. Then Click on the **Next: Virtual Machine** Button.

Step 4:

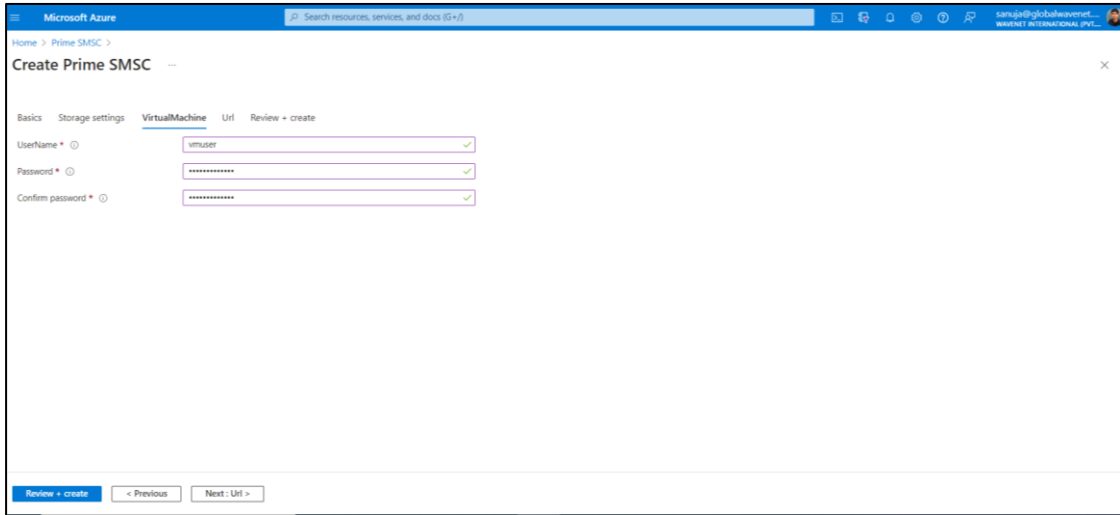1. The user needs to configure Virtual Machine Settings.

Figure 4: Configuring Virtual Machine Settings

2. The User needs to enter the **UserName, Password, and Confirm Password** which are mandatory fields, the user needs to enter the same password in the **Confirm password** field which is entered in the Password field.

Field Name	Validations
UserName	- The value must not be empty. - Only alphanumeric characters are allowed, and the value must be 1-30 characters long. - The value must be between 1 and 15 characters long.
Password	- The value must not be empty. - Password must be at least 8 characters long, contain only numbers and letters. - Can't include any part of UserName .

3. Then Click on the **Next: URL** Button

Step 5:

1.   The user can view the URL to log in to the CAM Authentication.
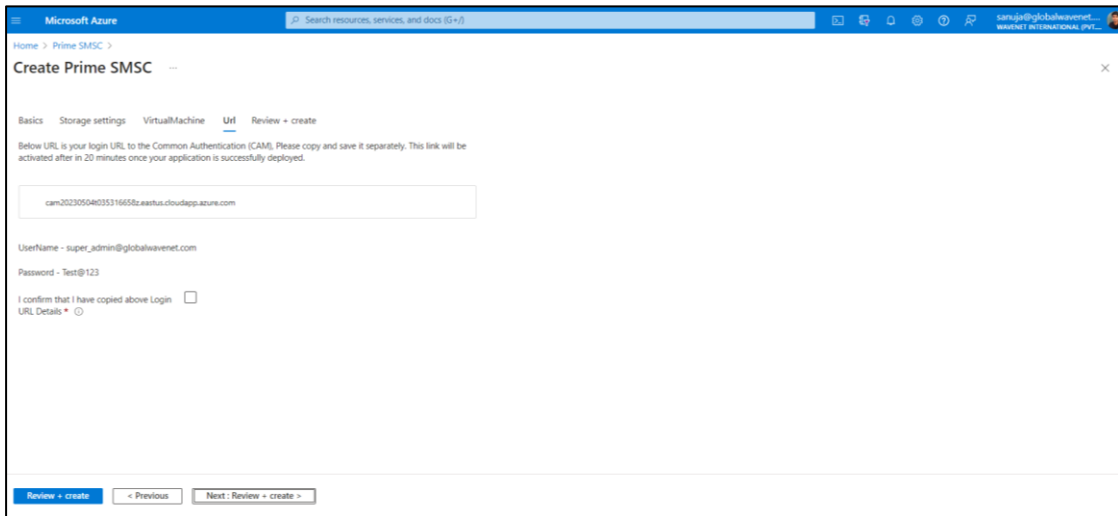

Figure 5: Credentials

2.   Then the user needs to copy the URL, Username & Password and save it in a separate location.

3.   Then click on the check box to confirm the credentials are copied.

4.   Once the URL is copied then Click on the **Next: Review + Create** Button

Step 6:

1.   Under the review page the user needs to provide the contact details.

2.   The user needs to go through the Term and Conditions and check the Tick Box.

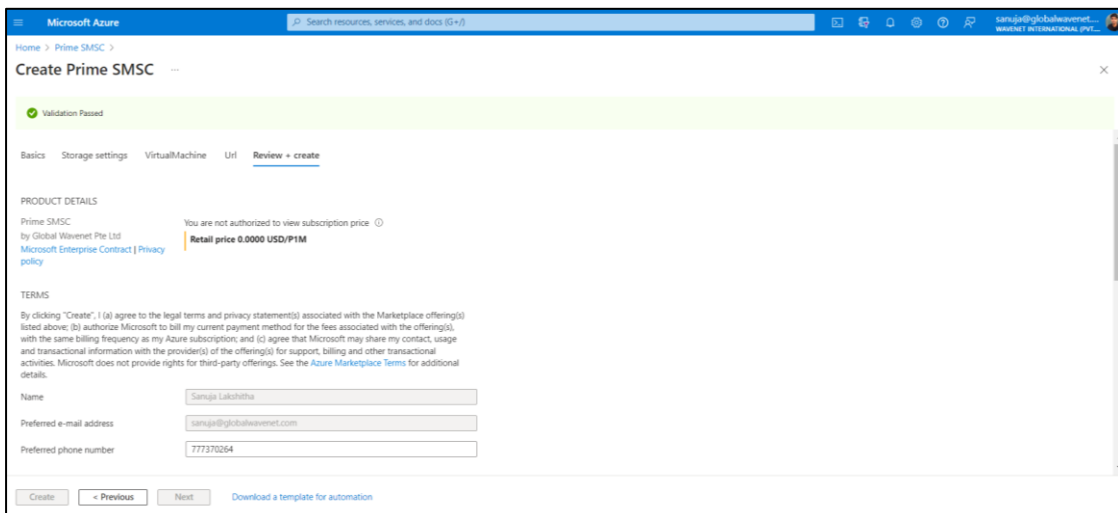3.   Then review the details entered.

Figure 6: Creating Deployment

Step 7:

1. Click on the **Create** Button to Deploy the module. The module will be deployed in 15 to 20 minutes.
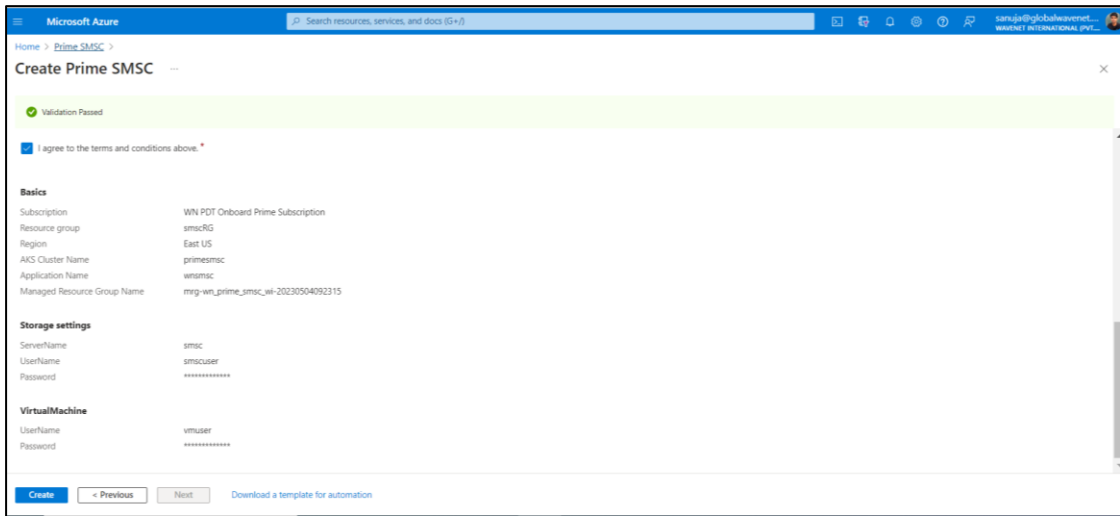

Figure 7: Creating Deployment

2. Once the user clicks on the **Create** button Screen moves to the next screen. It will show a message stating **Deployment is in Progress**.
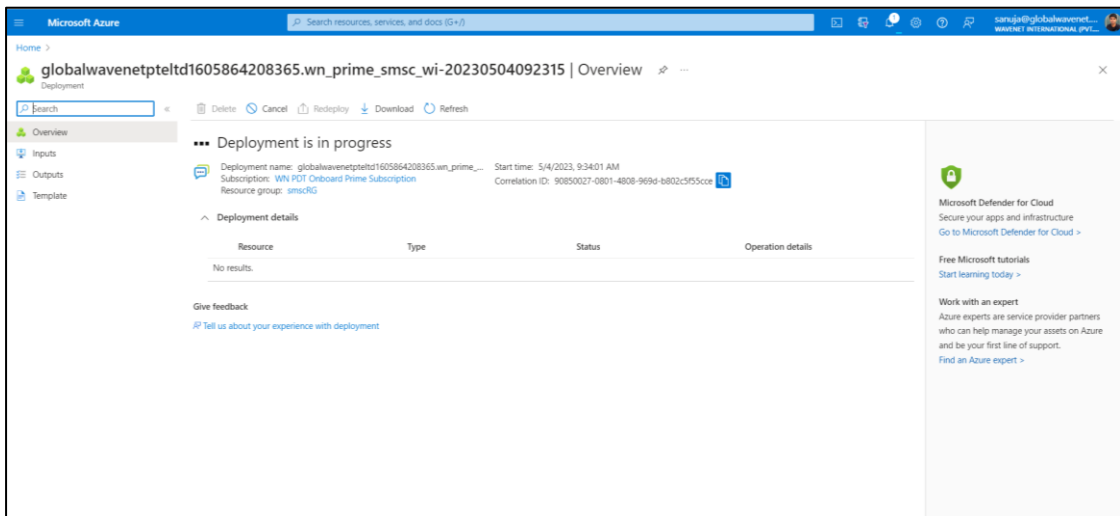

Figure 8: Deployment In-progress

Step 8:

1. Once the Deployment is completed, the below screen will be shown, and azure will pop up a message stating **Your Deployment is Complete.**
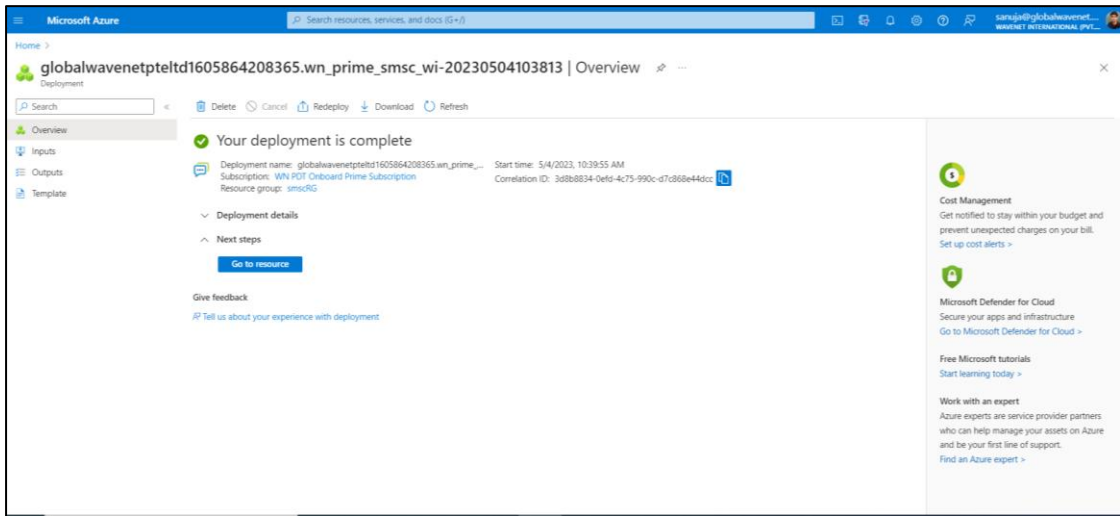

Figure 9: Deployment Completed

2. Click on the **Go to Resource**.

3. You can view the services related to this deployment.

Step 9:

1. Use copied URL (URL which is copied in Step 4) and open it in a Browser.

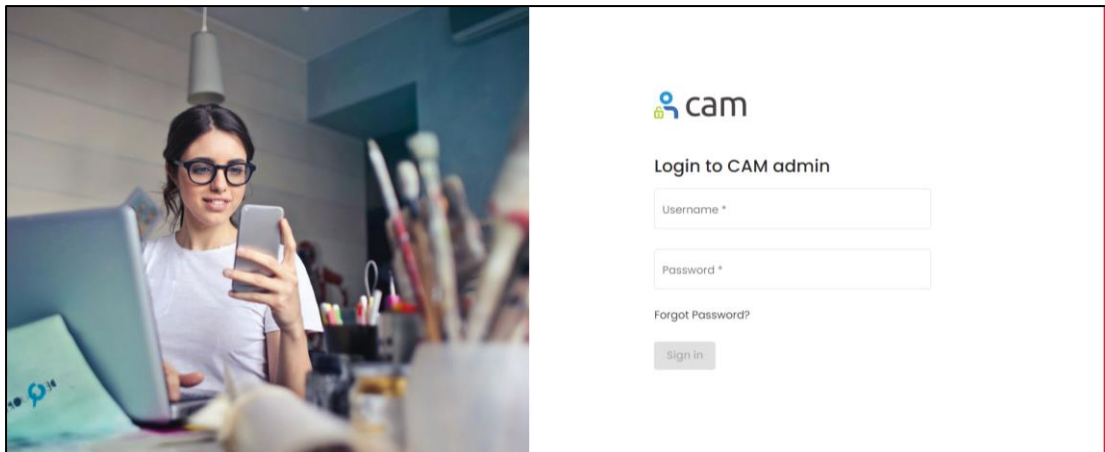2. You will be navigated to CAM log-in page.

Figure 3: CAM Authentication

Step 10:

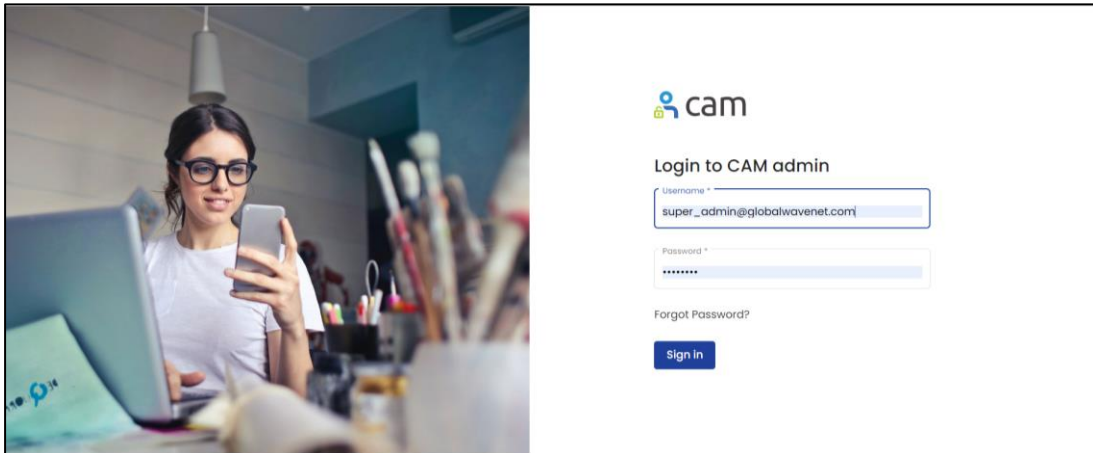1. Log in to CAM by providing the correct credentials.

Figure 4: CAM Authentication
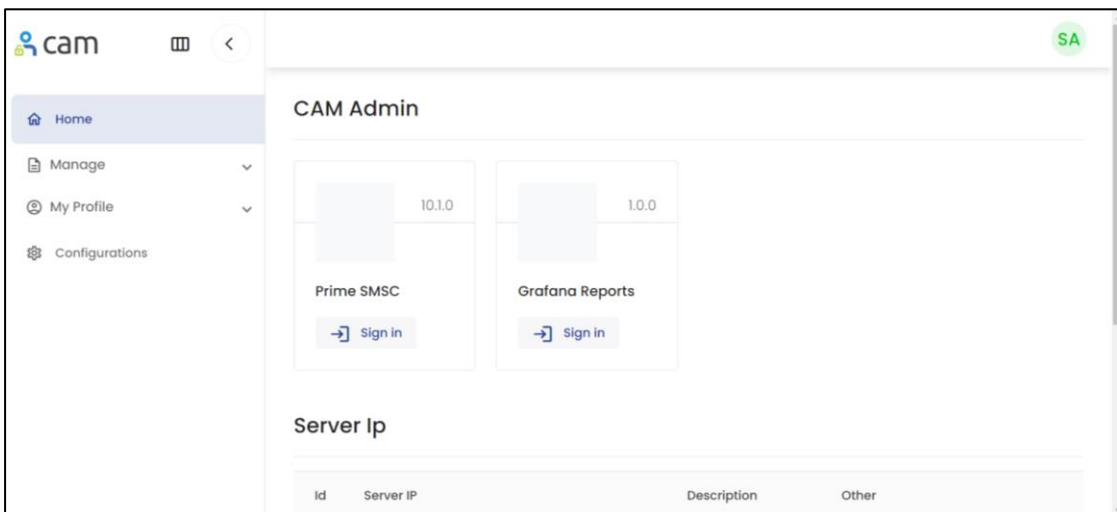
2. The user will be shown the services available.

Figure 5: Available Modules in CAM

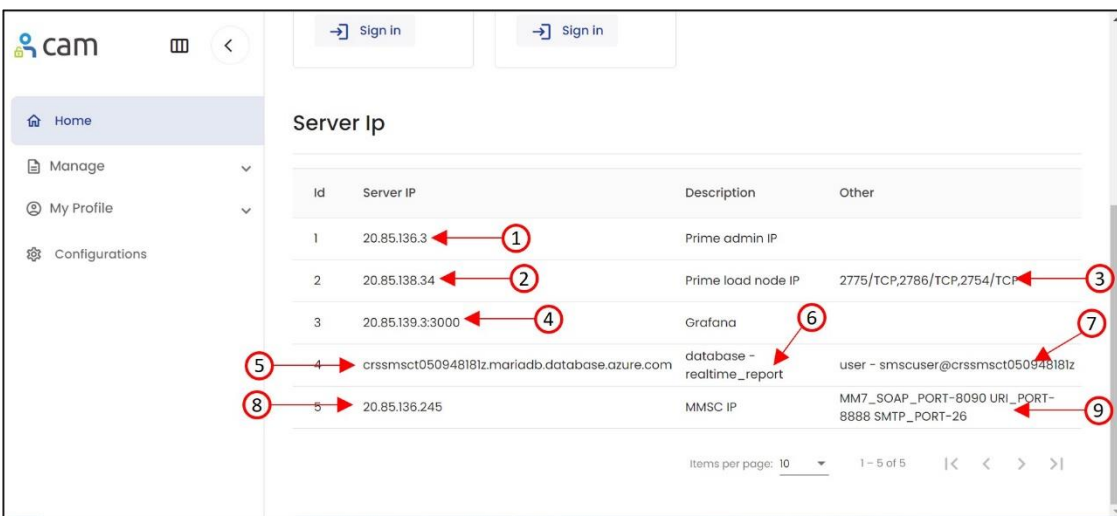3. CAM displays a server IP table. The table is explained below.

Figure 6: Available Modules in CAM

ID	Element	Description
1	20.85.136.3	Prime GUI Admin IP
2	20.85.138.34	External SMPP Account connecting IP. Prime Load IP to connect with the external SMPP.
3	2775/TCP 2786/TCP 2754/TCP	Ports that can be connected to SMPP Client, Port and Protocol used to connect the external SMPP Client
4	20.85.139.3:3000	Grafana Login URL to view the reports **User Name** – admin / **Password** – admin
5	xxxxx.mariadb.database.azure.com	Graffana Database Hostname, refer the graffana user manual
6	realtime_report	Graffana Database name, refer the graffana user manual
7	xxxx@crssmsctxxxx	User name for Graffana MySQL database, refer the graffana user manual
8	20.85.136.245	External MMSC Account connecting IP, Prime Load IP to connect with the MMSC Server
9	MM7-SOAP_PORT-8090 URI_PORT-8888 SMTP_PORT-26	The ports which can be connected to MMSC, Port and Protocol used to connect the MMSC Server

Step 11:

1. Click on the **Prime SMSC GW** to open the Prime Interface**.**
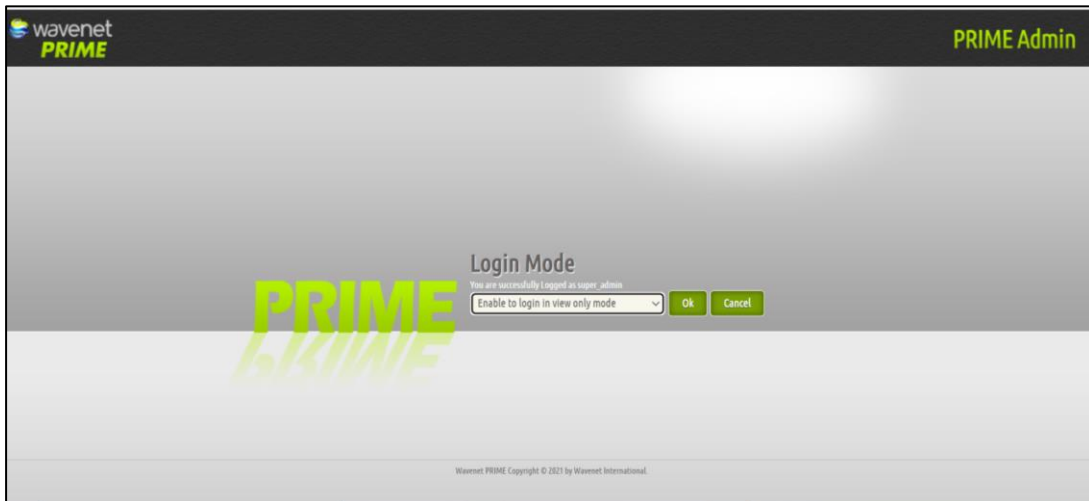

Figure 7: Prime Login

2. The User will have access in the Prime Module based on the Privileges the user has.

   Please refer to the Admin Manual for further Prime Module-wise configurations.

Step 12:

1. Click on the **Grafana Reports** to open the Grafana Interface**.**
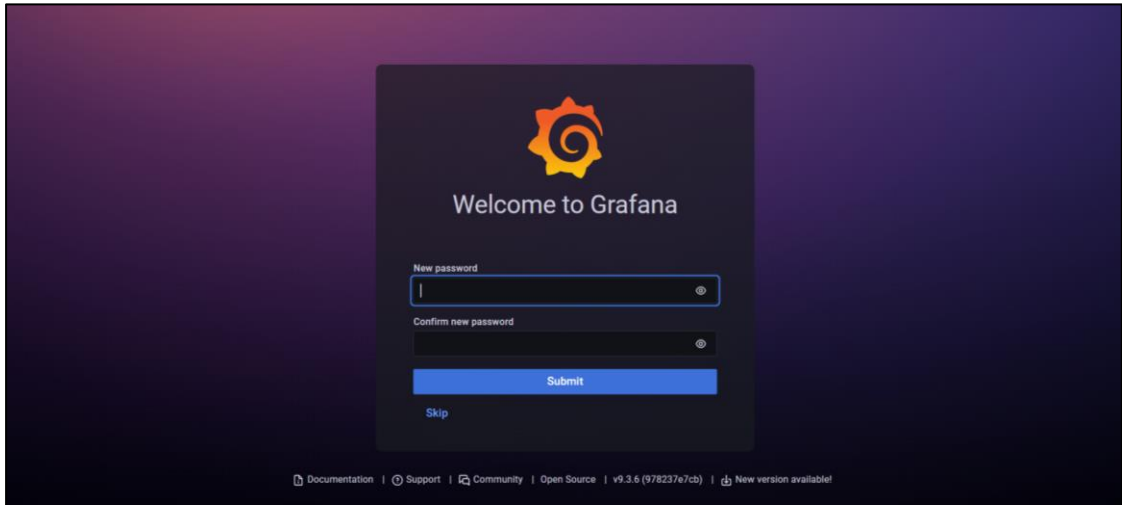

Figure 8: Grafana Login

2. The User will need to provide the credentials to login into the portal.

Please refer to the Grafana Admin Manual for further Grafana Reporting configurations.

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