

Accelerating Azure Adoption with ServiceNow Cloud Management

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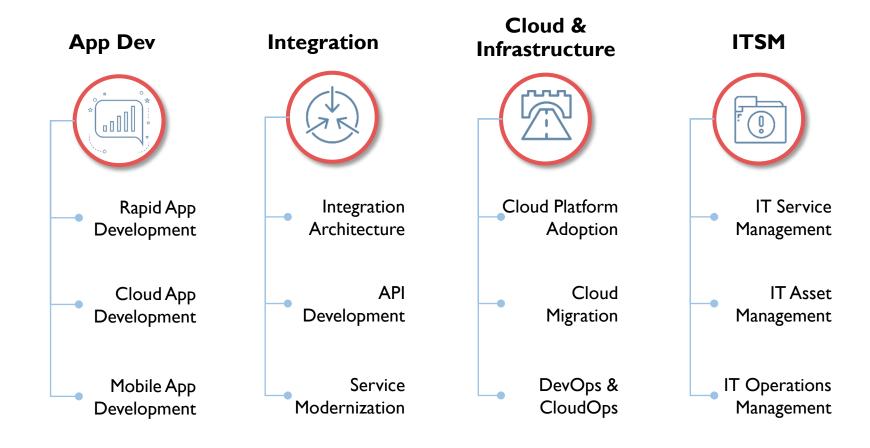




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Agenda

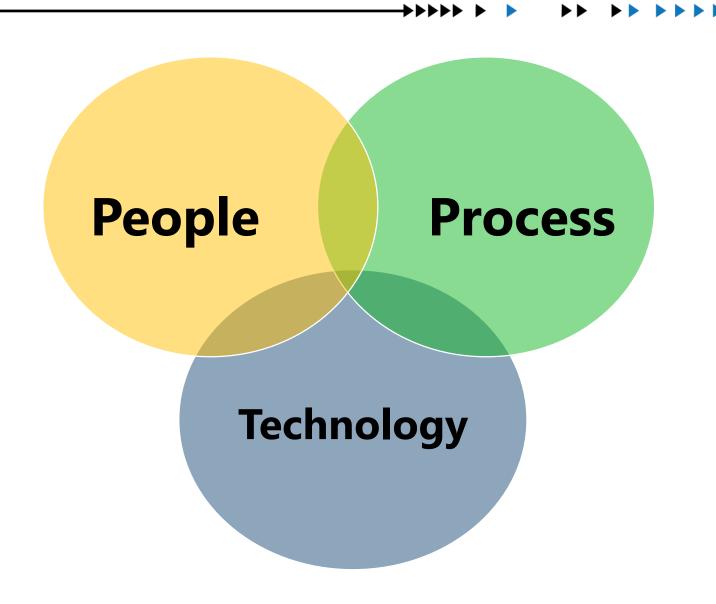


- > What is IT Operation Management
- **➤** What is Cloud Management
- > How ServiceNow can accelerate Azure adoption
- > Things to remember as Initial Cloud Management Setup
- > Cloud Management Demo
- Questions



Operations Management - A Journey

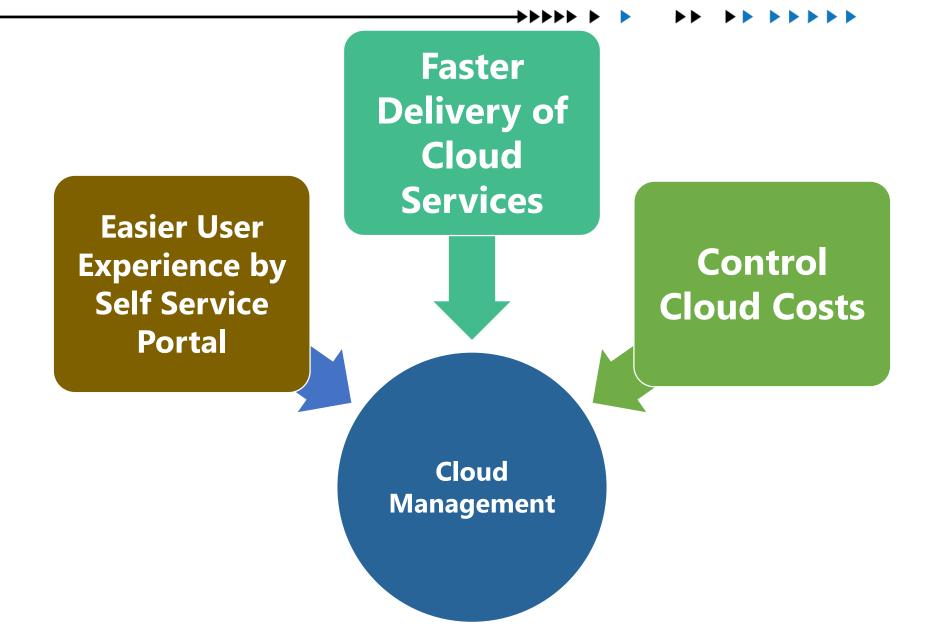






What is Cloud Management



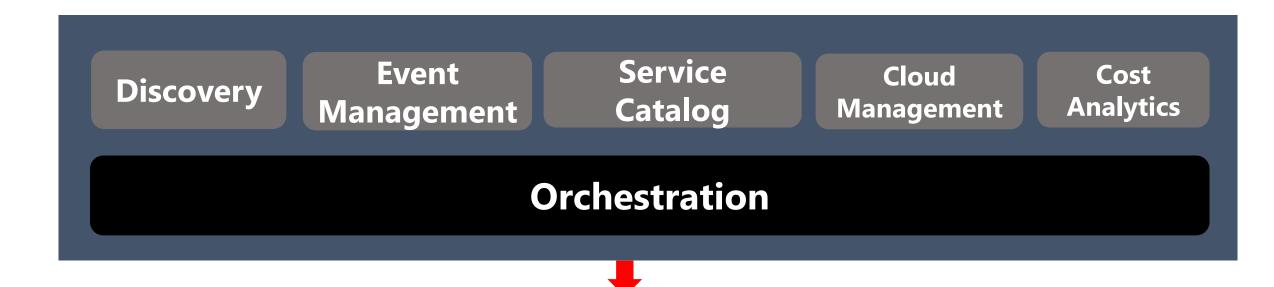




How ServiceNow can accelerate Azure adoption



- Manage cloud expenses
- Minimize risk through consistent policies
- self-service catalog to automate the provisioning of Azure



Microsoft Azure



Things to Remember as Initial ServiceNow Cloud Management Setup



ServiceNow

Credential (Service Principal) Service
Account
(Subscription)

Mid Server Installation, Cloud Management Plugin and Discovery

Blueprint from Cloud Template

Microsoft Azure

Subscription Id

Tenant Id, Client Id & Secret Access Key

Assigning
Access
Control (IAM)
– Post App
Registration

Extract
Template for
VM Image
(Azure ARM
Template)

Demo

- Step 1 Cloud Management Plugin Activation
- Step 2 Granting User Cloud Management Roles
- Step 3 Mid Server Installation

- Step 4 Initiating Microsoft Azure Discovery Credential setup
- Step 5 Fetching Credential details from Azure
- Step 6 Granting Owner Role to App
- Step 7 Account Creation
- Step 8 Discovery Schedule

Step 9 – Navigate to Cloud Management portal – Cloud Account Creation Step 10 – Discover

Step 11, 12, 13, 14 – Resource Profiles – OS Profile, Compute Profile, Security Group
Profile & Schedule Profile

Step 15 – Create Blueprint

Step 16 – Create Azure ARM Template from Cloud Template

Step 17 – Fetching VM image from Azure portal

Step 18 – Create Image using PowerShell

Step 19 – Update ServiceNow cmdb_ci_os_template list and add relationship

Step 20 – Launch a Stack from Cloud user portal

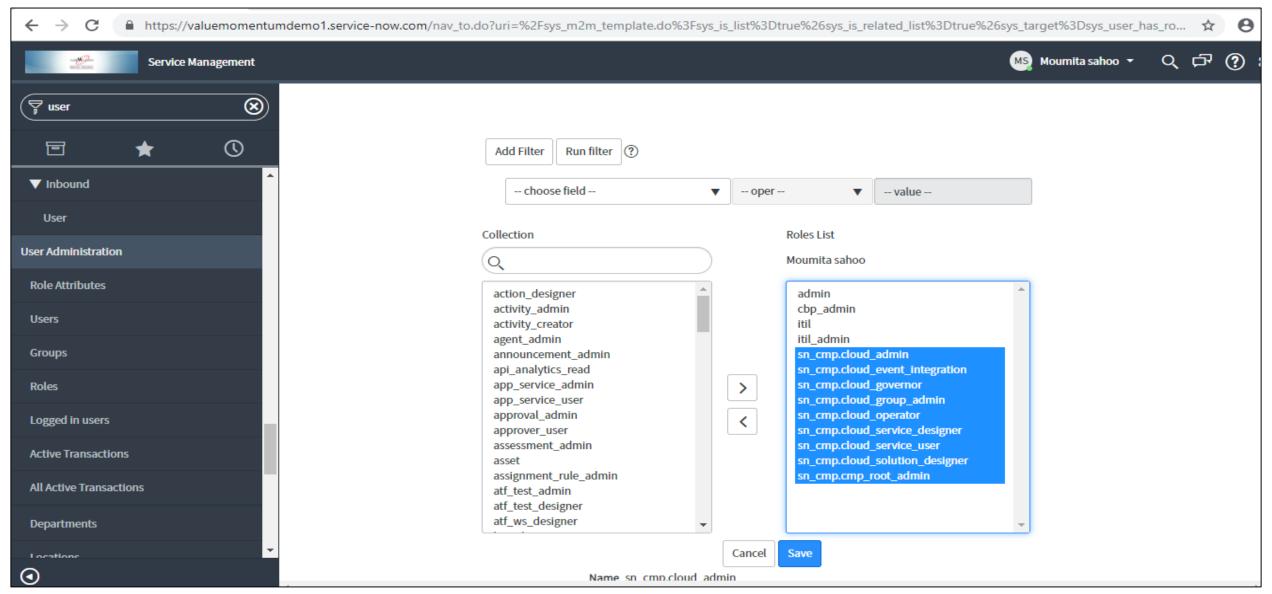
Step 21 - Launch the same catalog item from platform/self service portal



Adding User and Assigning Cloud Management Role



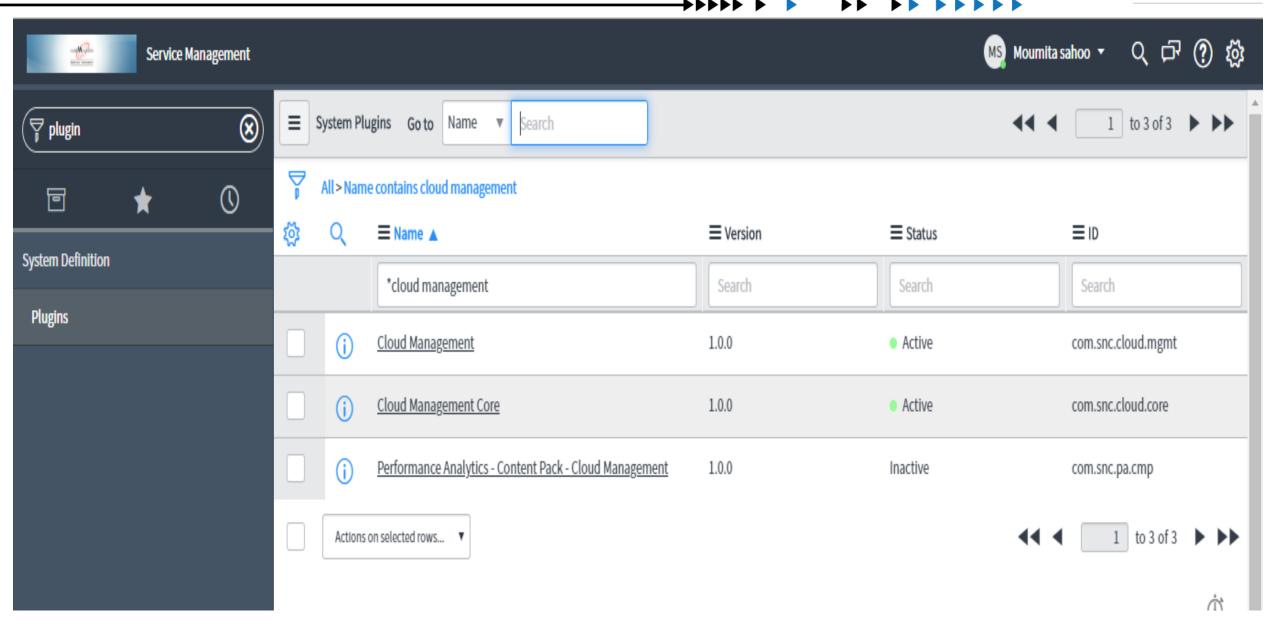






Cloud Management Plugin activation



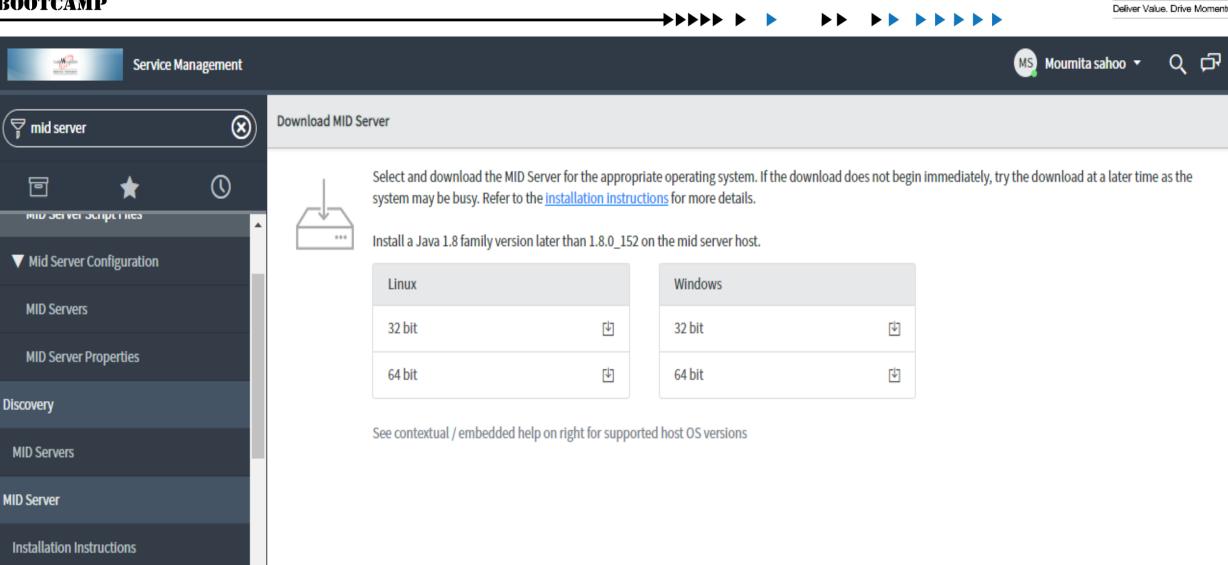




Downloads

Mid Server Installation



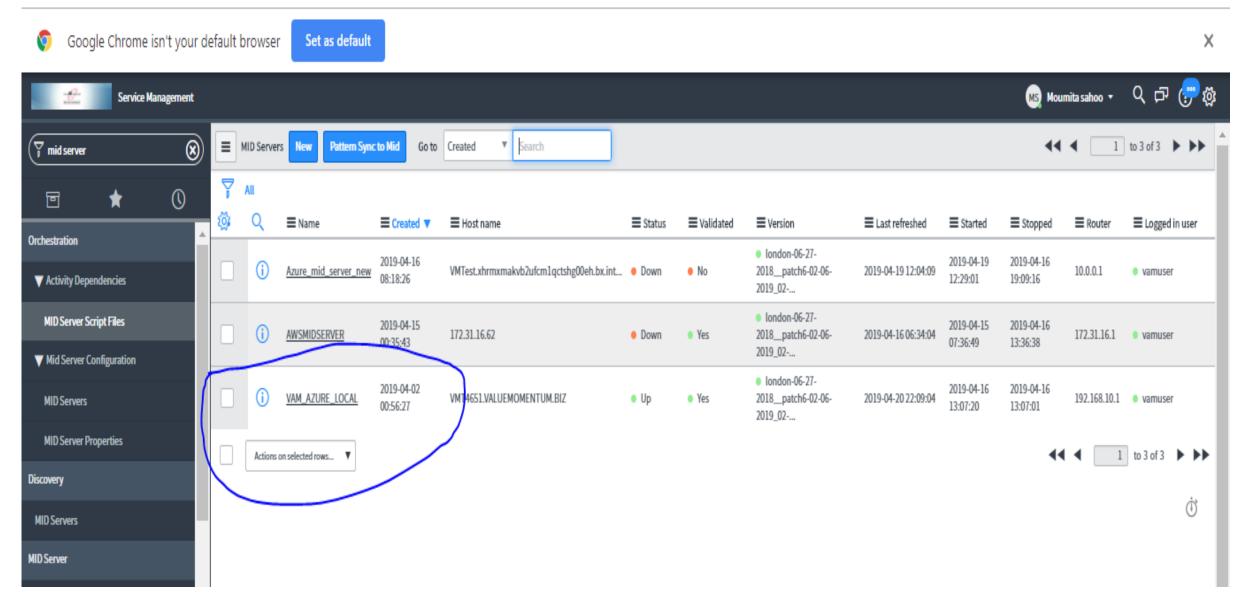




Mid Server (Installed)



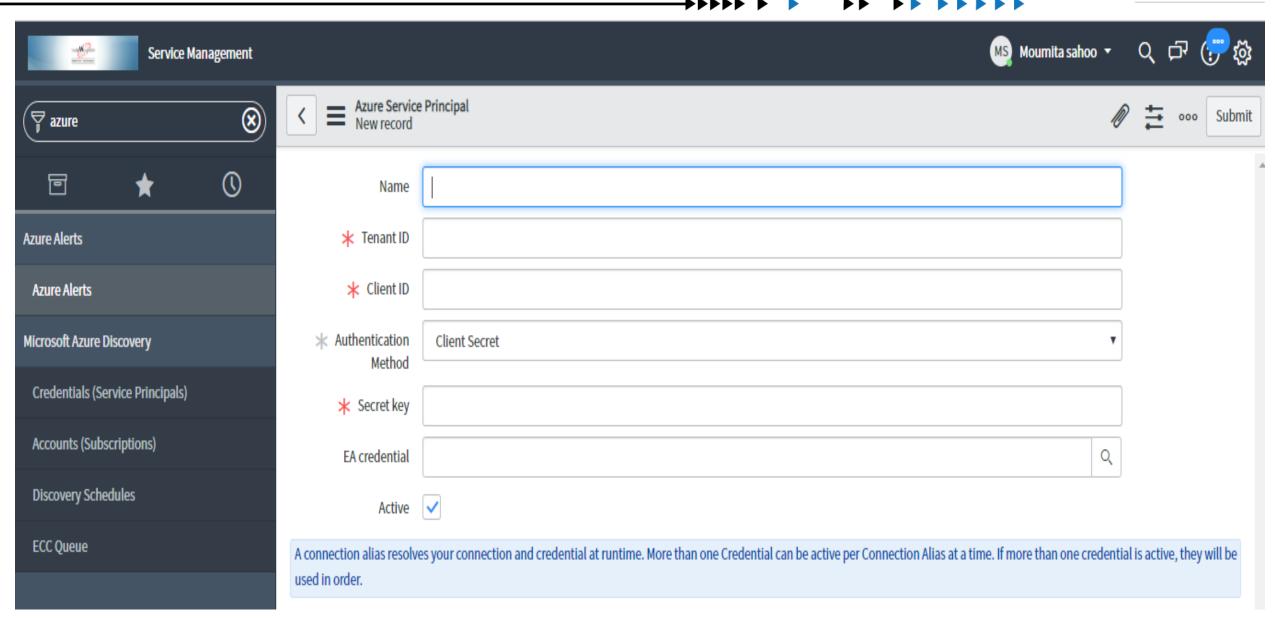






Microsoft Azure Credential Creation

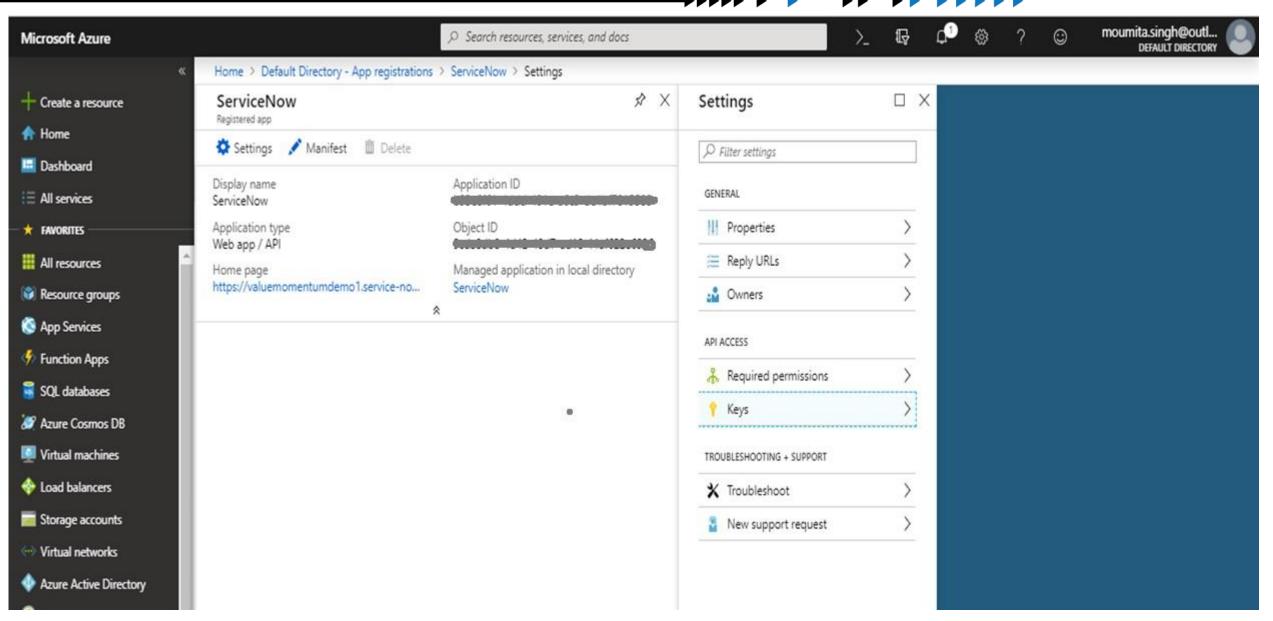






App Registration in Microsoft Active Directory and Grant Permission



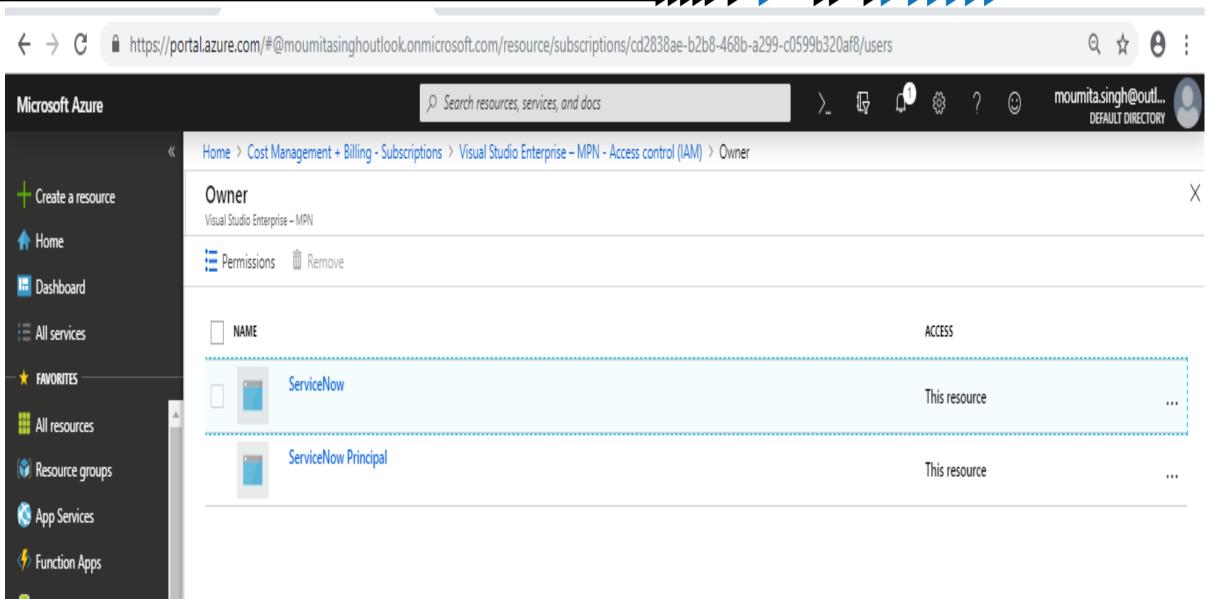




Portal

Launch a Stack using Cloud User Portal or Self Service

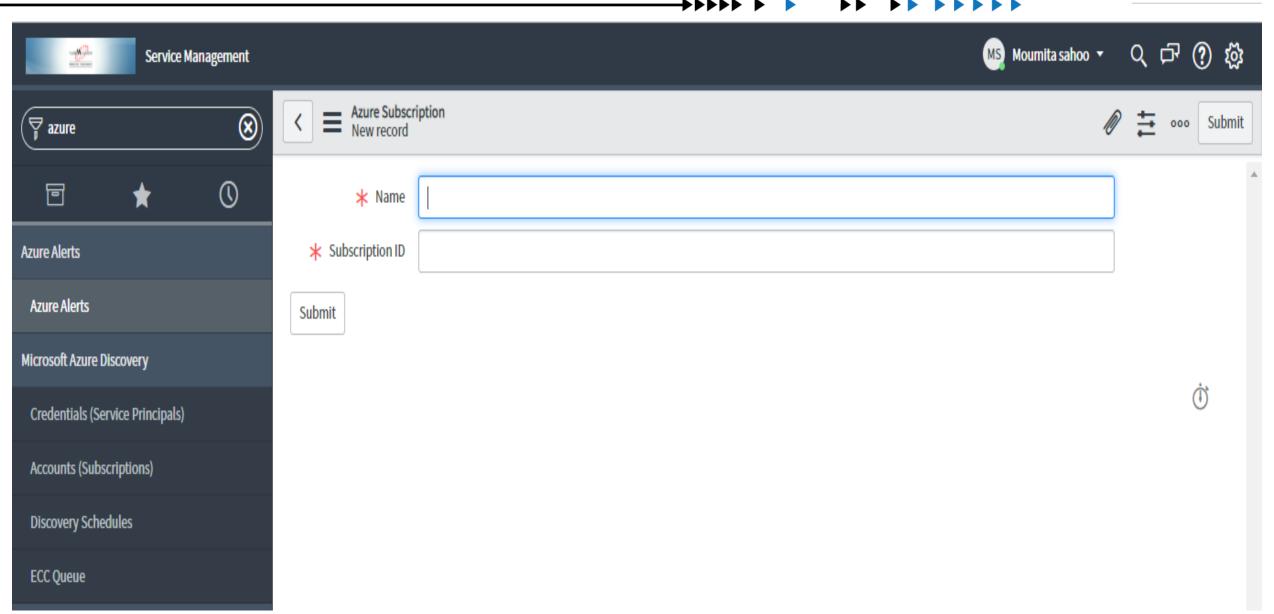






Microsoft Azure Service Account creation

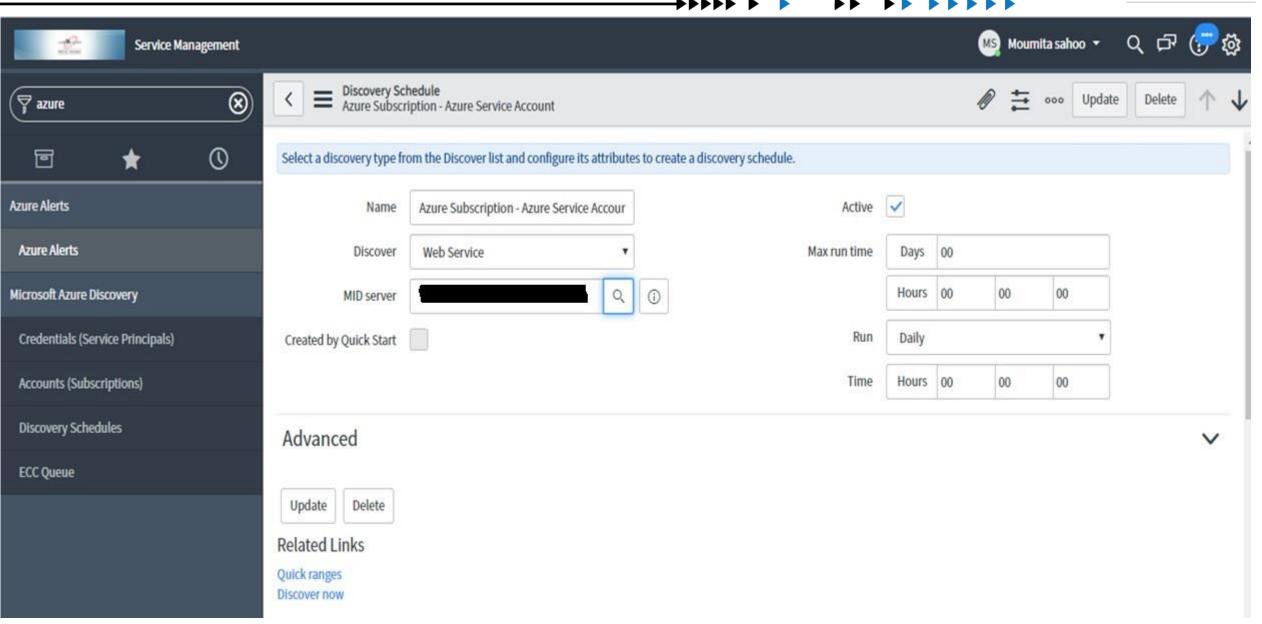






Microsoft Azure Discovery

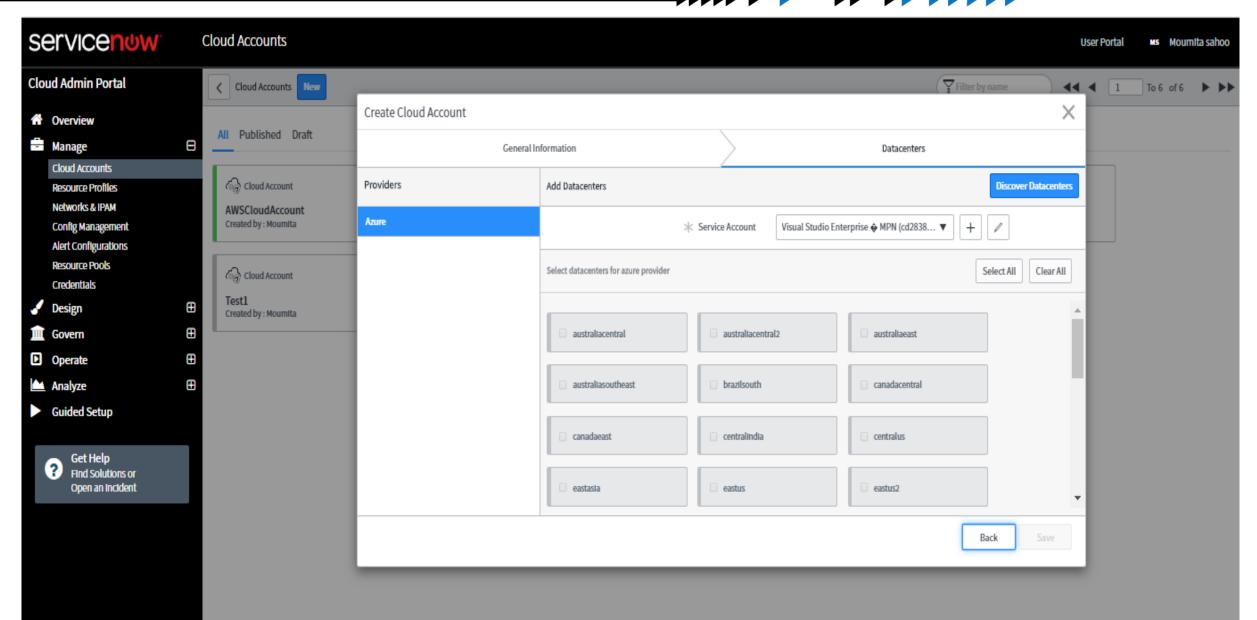






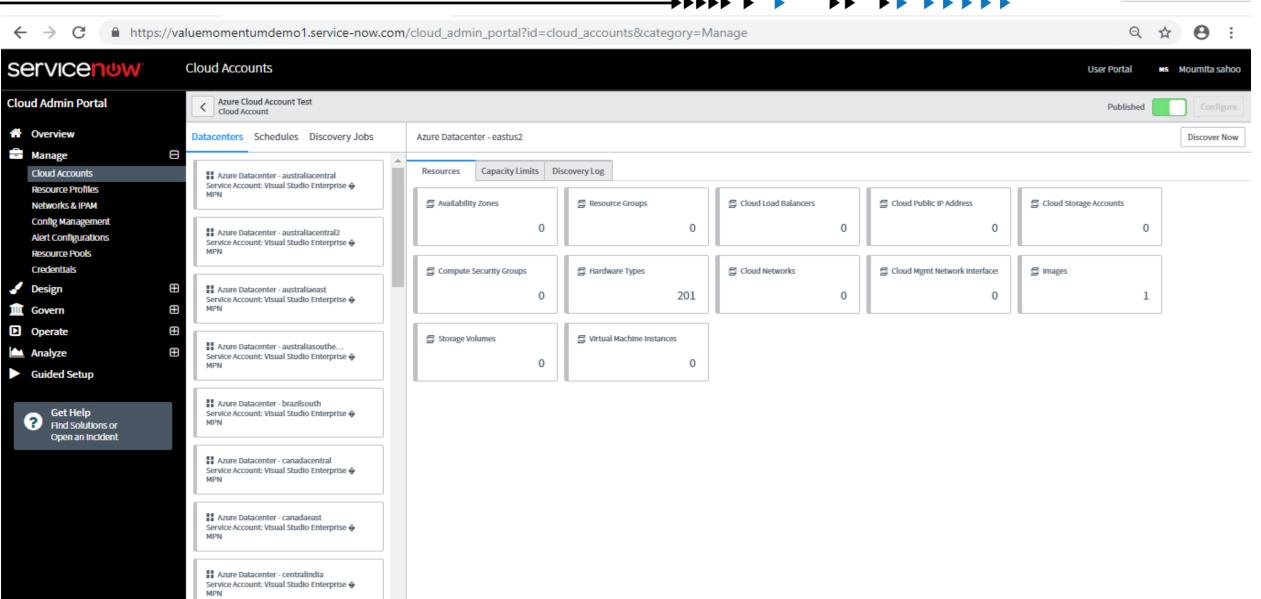
Navigate to Cloud Admin Portal and create cloud account





Discover

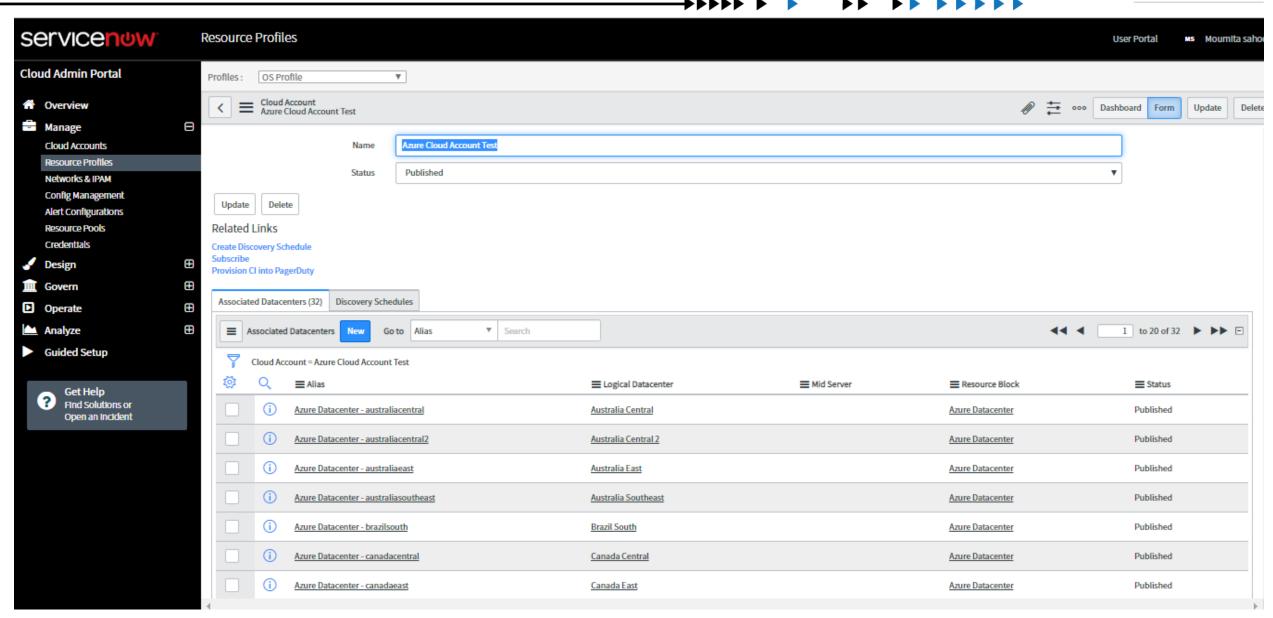






Resource Profiles - OS Profile

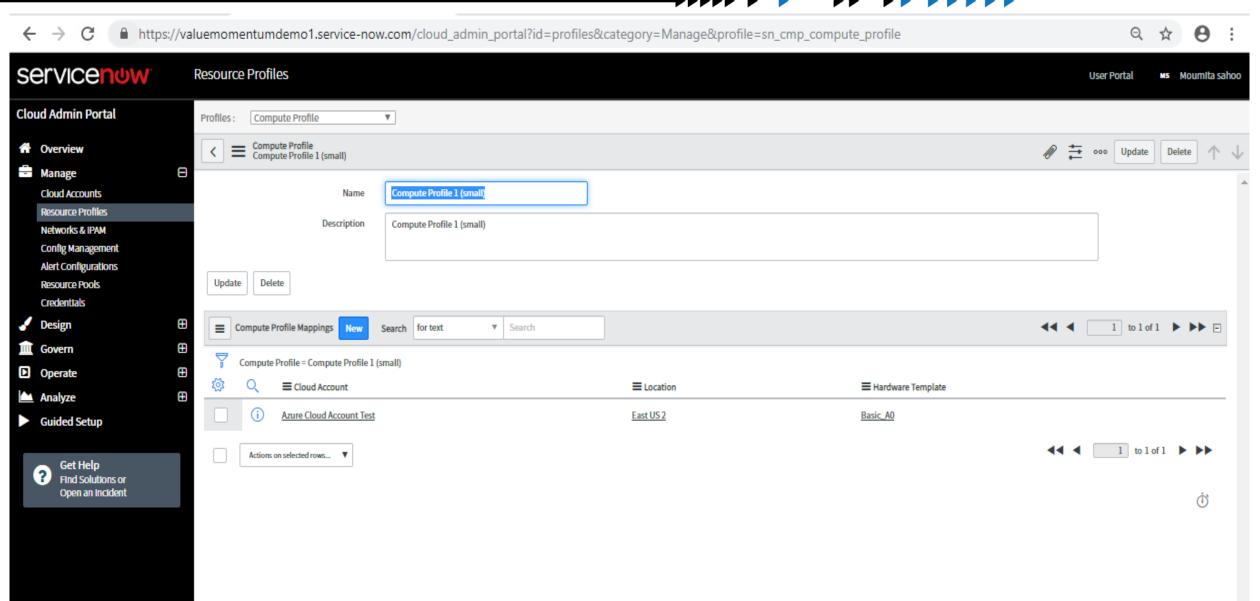






Resource Profiles - Compute Profile

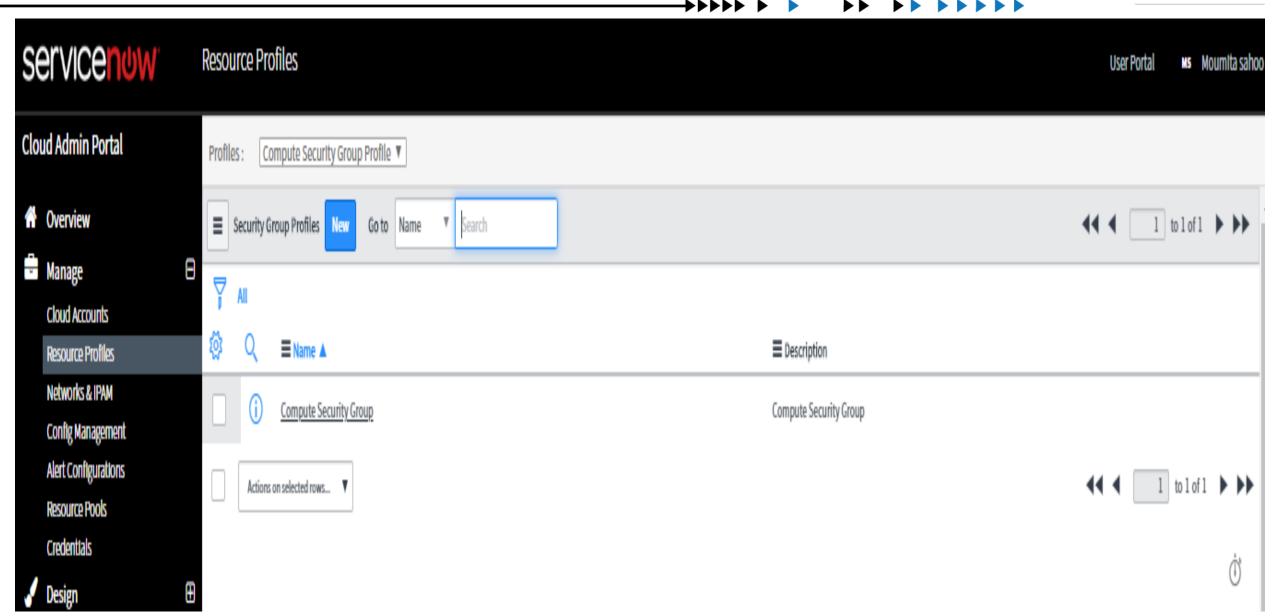






Resource Profile - Security Group

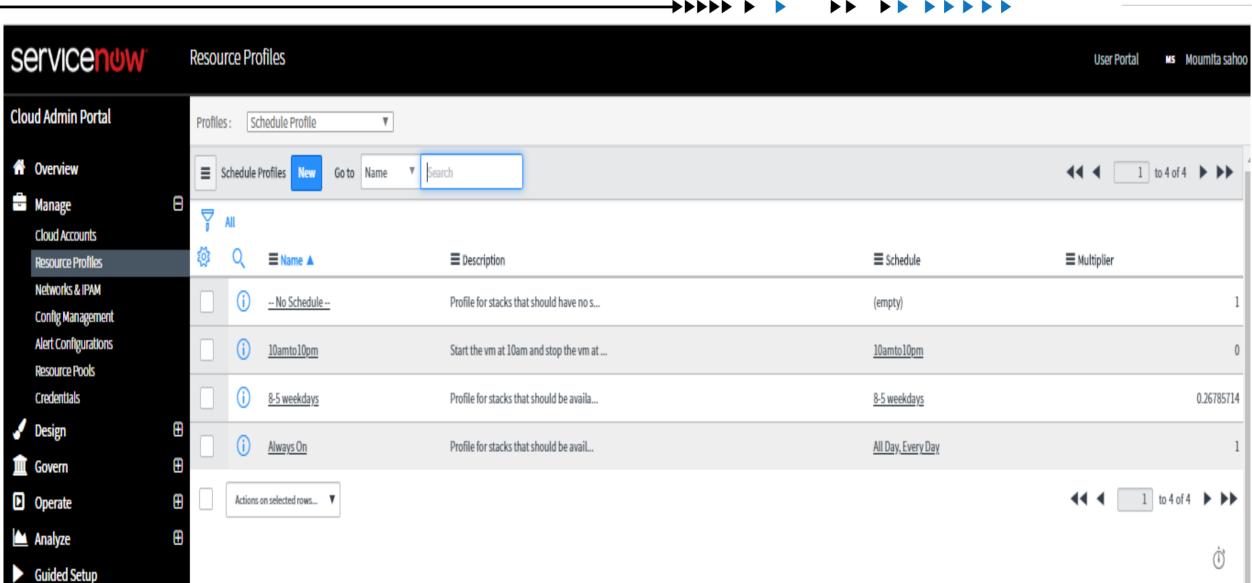






Resource Profiles - Schedule Profile

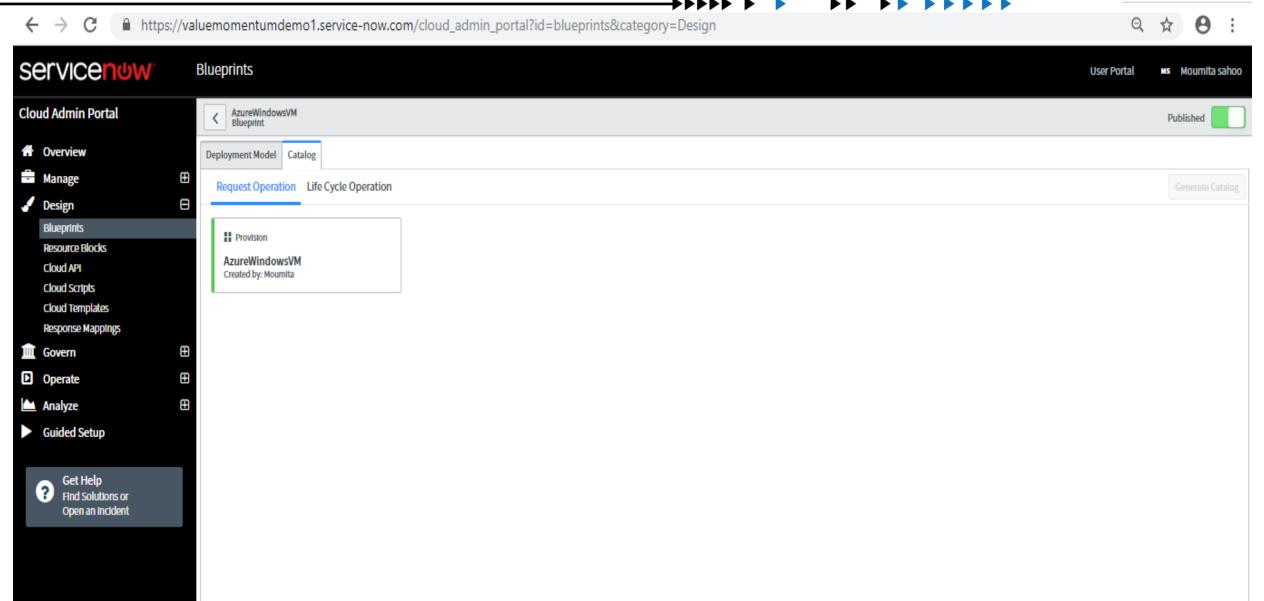






Navigate to Cloud Admin Portal and create blue print

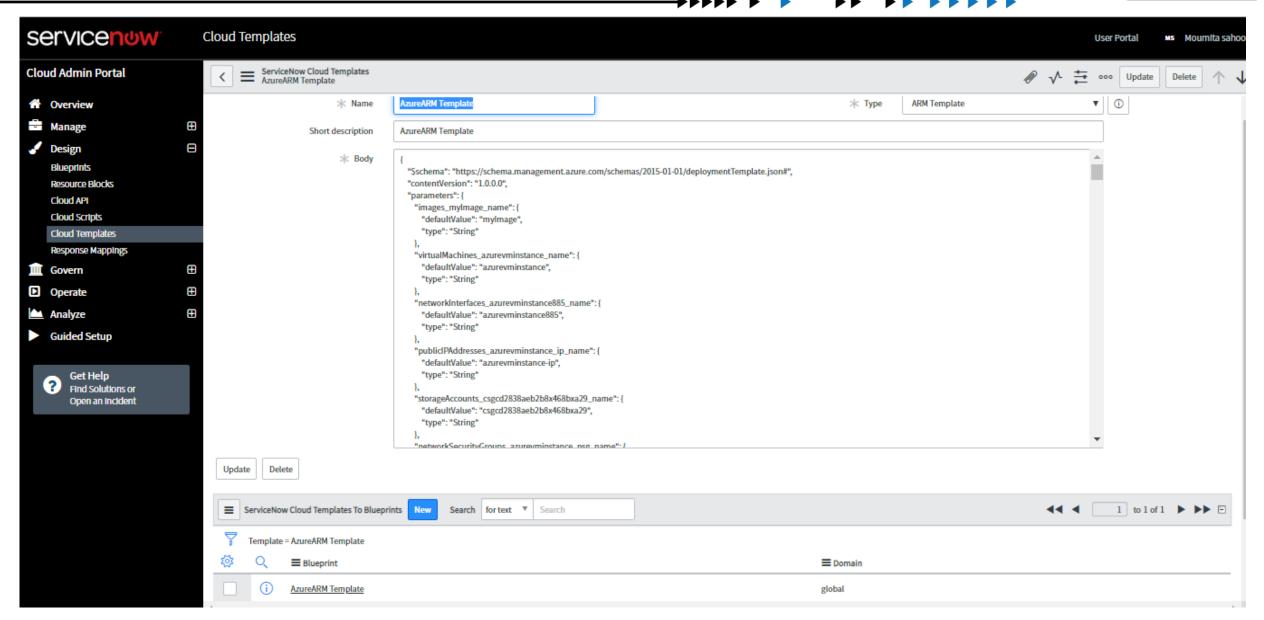






Navigate to Cloud Admin Portal and create blue print using Cloud Template



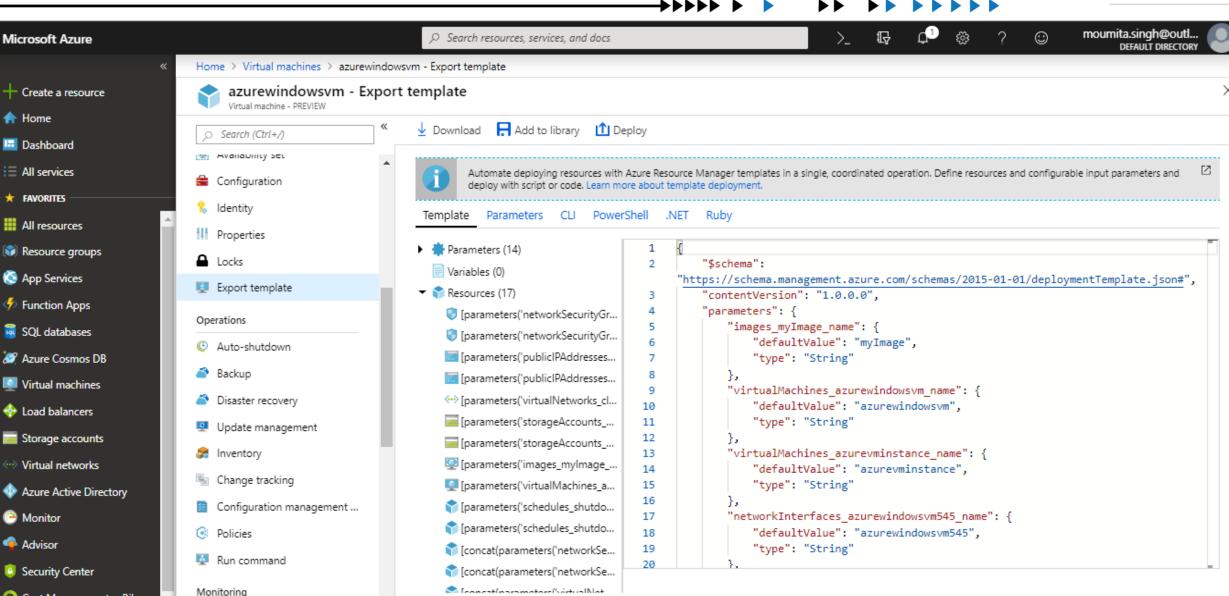




Cost Management + Bil...

Export template image from Azure VM



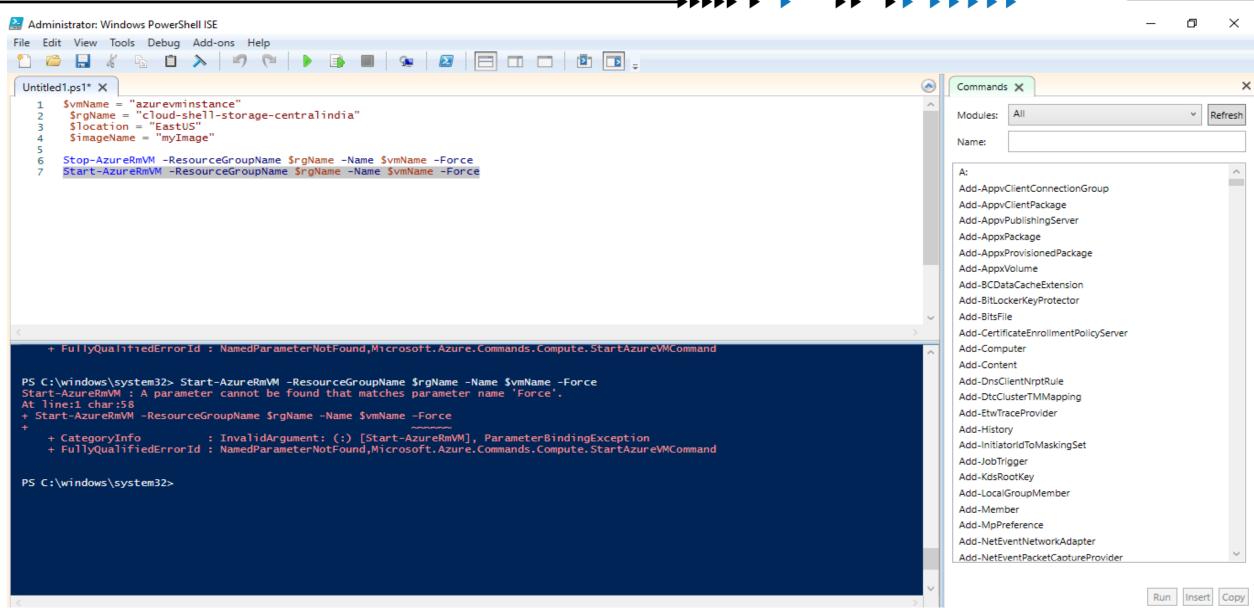




Launch a Stack using Cloud User Portal or Self Service









Update cmdb_ci_os_template and add relationship

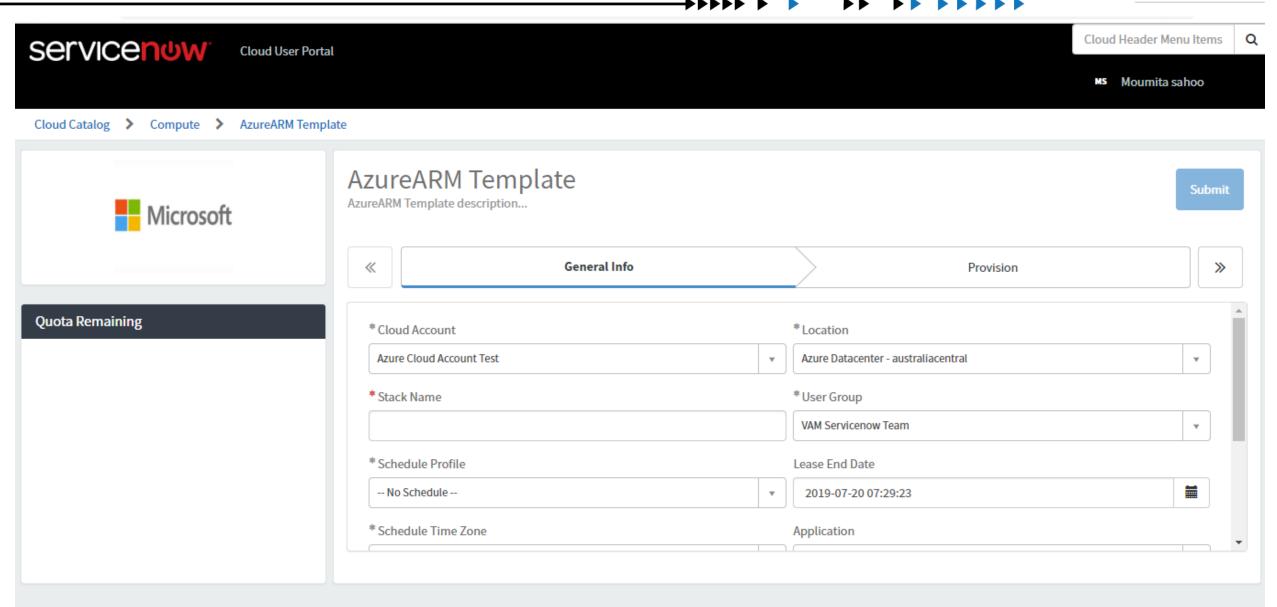


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Launch a Stack from cloud user portal

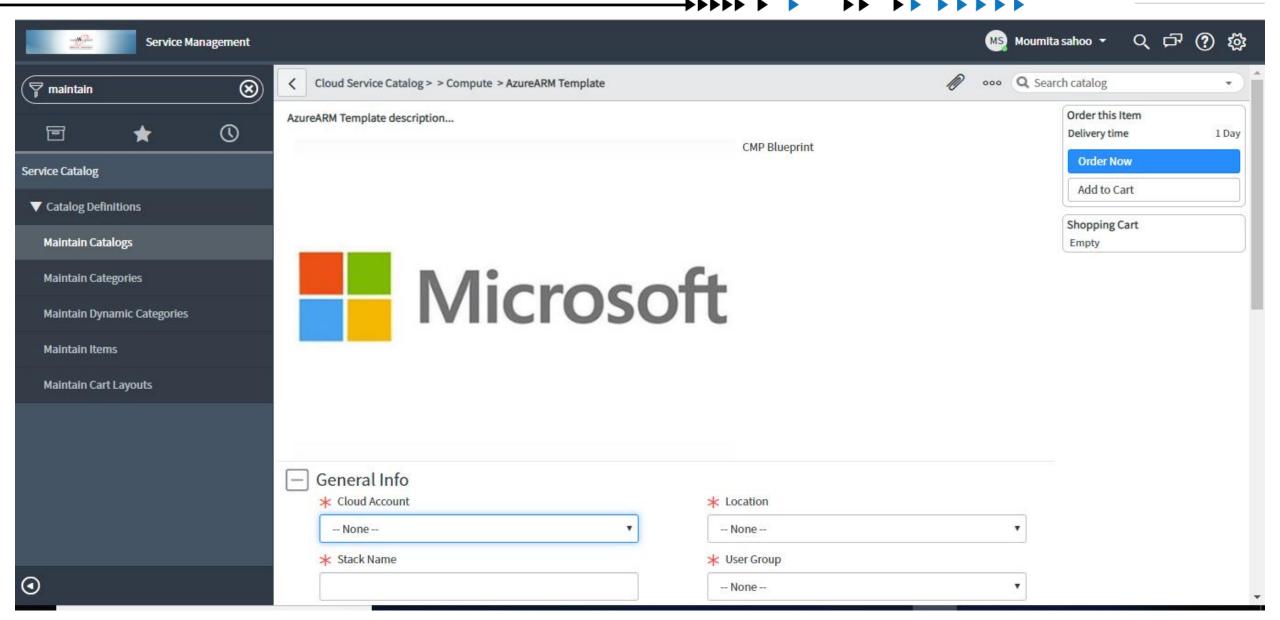






Launch a Catalog item using Self Service Portal







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