

Veritas NetBackup CloudPoint™ Quick Start Guide for Microsoft Azure

What is NetBackup CloudPoint?

Veritas CloudPoint is now integrated into NetBackup 8.3 —meet NetBackup CloudPoint— a simple snapshot-based cloud backup and recovery feature for today's scale-out workloads and multicloud environments.

Highlights:

- **NetBackup integration:** Natively integrates with NetBackup for centralized visibility, reporting, Role Based Access Control (RBAC) and compliance across physical, virtual, and cloud workloads.
- **Backup, Recovery and Replication:** Automate backups using policies to meet enterprise SLAs. Replicate across regions and accounts for DR readiness. Allow Rollback, Original and Alternate location restores.
- **Automation and orchestration:** Disk, File and Database level recovery, application consistent snapshot and restores for Oracle, SQL, SQL AG and MongoDB. Management of encrypted volumes with provider-managed encryption for AWS, Azure and GCP.

KEY FEATURES

- Snapshot-based data protection
- Automated scheduling and creation
- Multi-cloud visibility and orchestration
- Auto-deletion of expired snapshots
- Fast RPO and RTO
- Deep integration with storage arrays, and public and private cloud platforms
- Modular architecture for rapid workload proliferation
- Intuitive interface and reporting
- RESTful APIs for storage management and administration

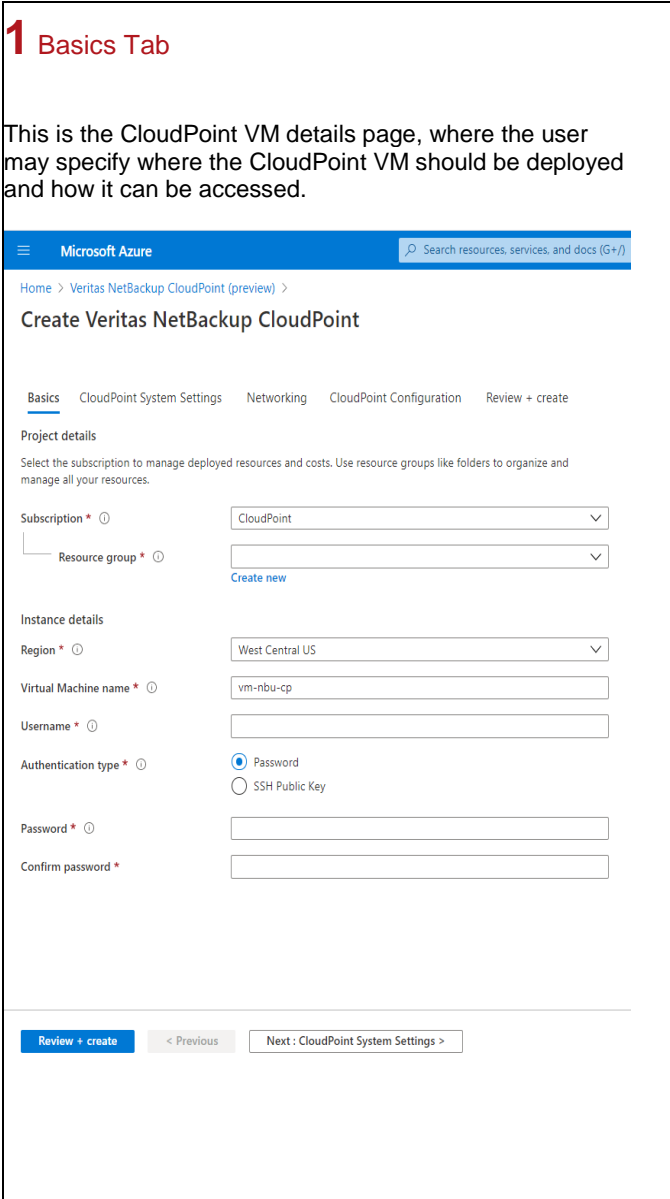
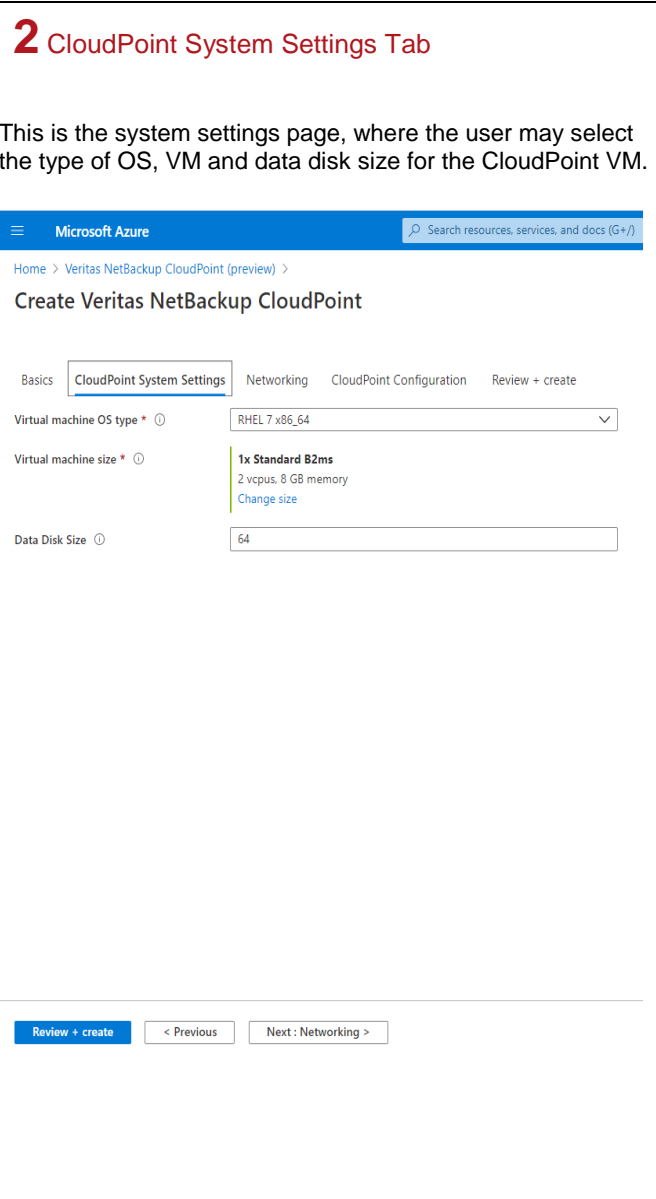
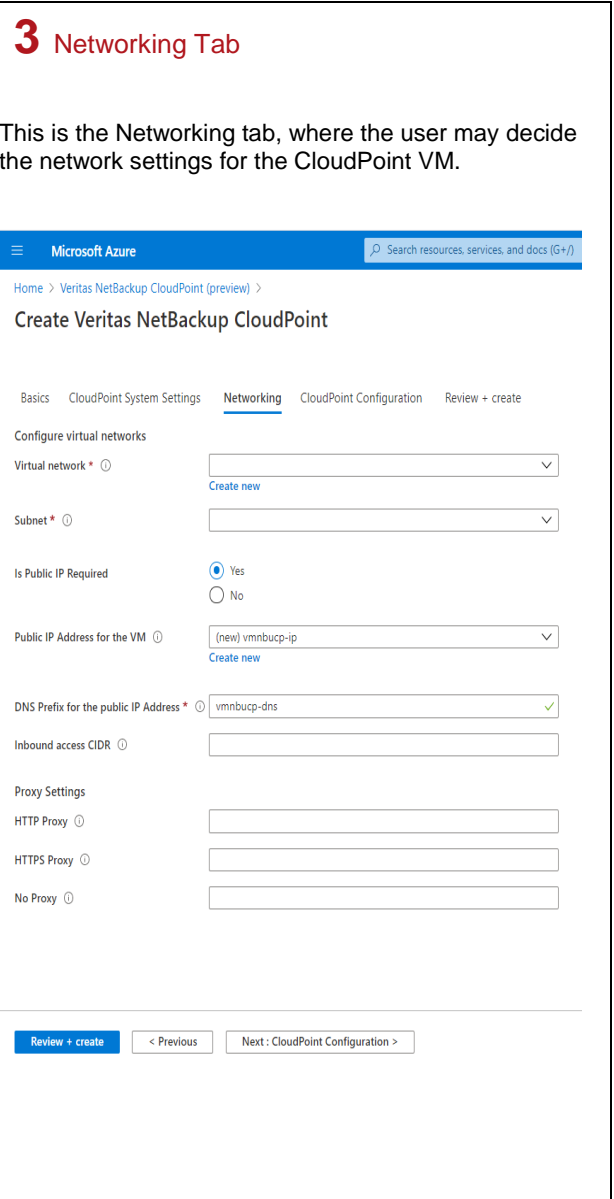
Licensing note: All customers with existing NetBackup 8.3 licenses benefit from the full capabilities of NetBackup CloudPoint at no additional cost.

Veritas NetBackup CloudPoint template deployment

Deploy the *Veritas NetBackup CloudPoint* Template for CloudPoint VM Creation

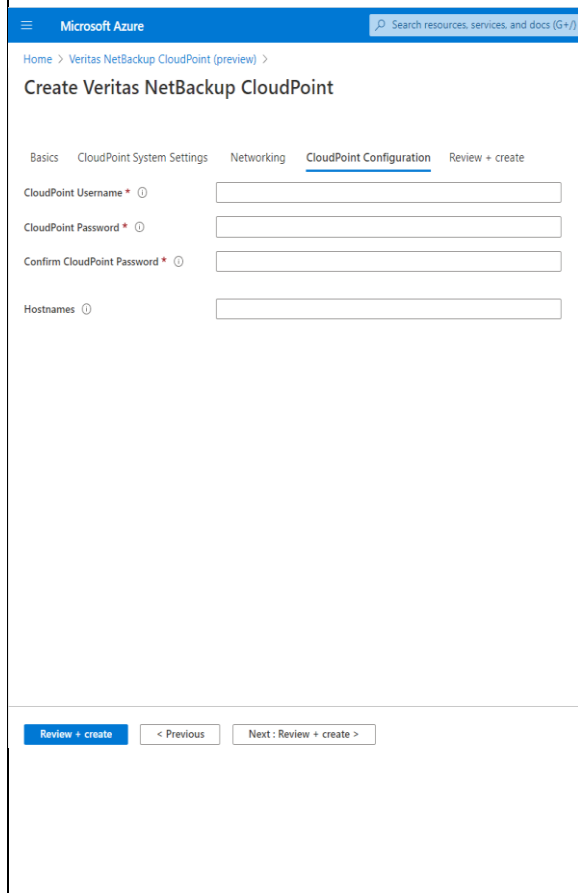
❖ Note:

- User trying to deploy the template needs to have owner role.
- The template can only be deployed in an empty RG (Resource Group)
- By default, the SSH port 22 is not enabled for the CloudPoint VM. User may add a separate networking rule for port 22 in order to enable SSH connectivity to the CloudPoint VM, after the deployment is completed successfully.

1 Basics Tab	2 CloudPoint System Settings Tab	3 Networking Tab
<p>This is the CloudPoint VM details page, where the user may specify where the CloudPoint VM should be deployed and how it can be accessed.</p> 	<p>This is the system settings page, where the user may select the type of OS, VM and data disk size for the CloudPoint VM.</p> 	<p>This is the Networking tab, where the user may decide the network settings for the CloudPoint VM.</p> 

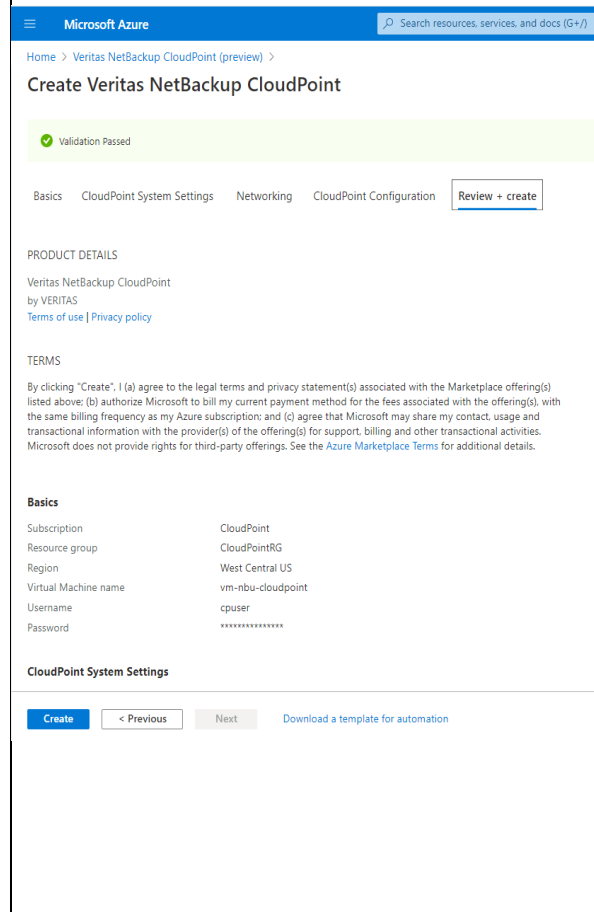
4 CloudPoint Configuration Tab

This is the CloudPoint configuration details and not VM details, here user may set the login details and hostname of CloudPoint. This would be needed while adding CloudPoint to NetBackup.



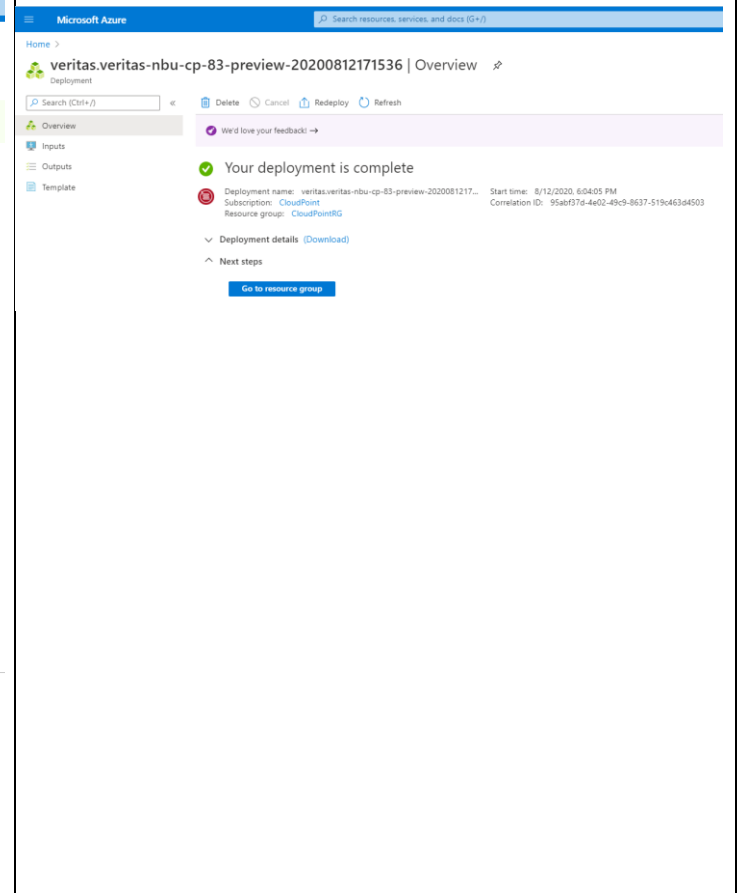
5 Review + create Tab

This is the final review tab where all inputs are verified, and a summary is provided. Any errors or conflicts would be mentioned here, user may go back to previous tabs to make any modifications if needed. If all is well then, the create button would be enabled and user may deploy the template for CloudPoint VM creation.



6 Deployment Page

Once the deployment is completed all resources created as part of the deployment will be available in the Resource Group that was mentioned in the basics tab while deploying the template.



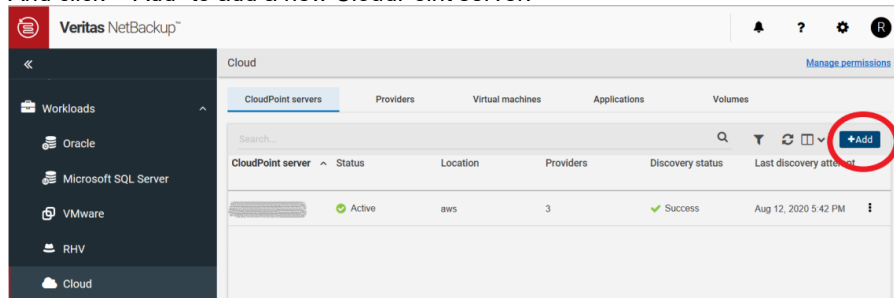
Configure CloudPoint with NetBackup

1 Add CloudPoint Server in NetBackup

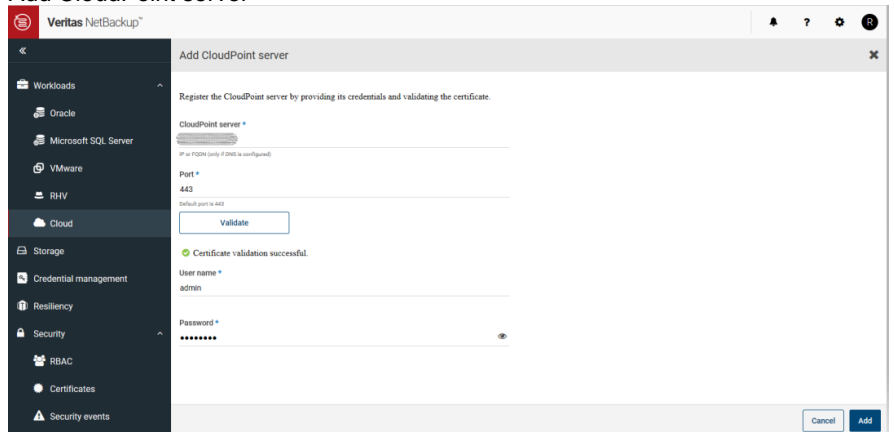
1 Login to NetBackup 8.3.0

<https://<nertbackupserver>/webui>

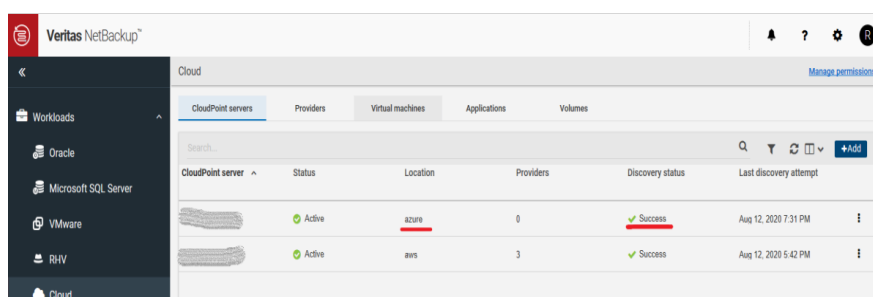
2 Go to Cloud section under Workloads tab And click "+Add" to add a new CloudPoint server.



3 Add CloudPoint server

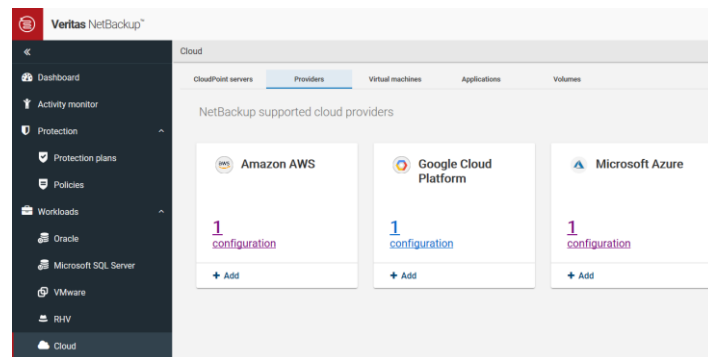


4 Wait till Discovery status is successful for the newly added CloudPoint server



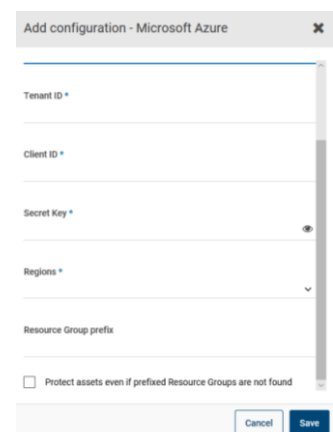
2 Add Providers

1 You may add configurations for any of the cloud providers by clicking "+Add" below the Cloud provider to add a configuration for that cloud.

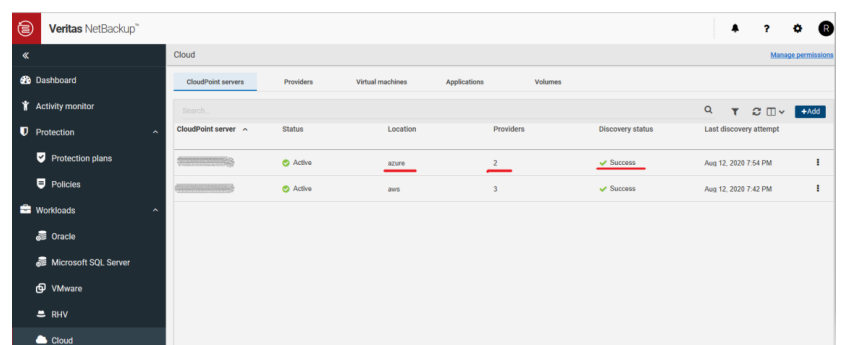


2 For Azure configuration you would have to fill out the following details:

- The *TenantId*, *ClientID* and *secret key* of the azure account that you want to configure with CloudPoint.
- You may select the regions whose assets you wish to protect
- You may set the value for resource group prefix if you want to save snapshots taken for an asset from an RG into a different RG whose name is in the format <prefix><org-RGname>
 - By selecting the checkbox, we enable snapshots to be stored in the original RG itself if the prefixed RG is not found, else fail the snapshot



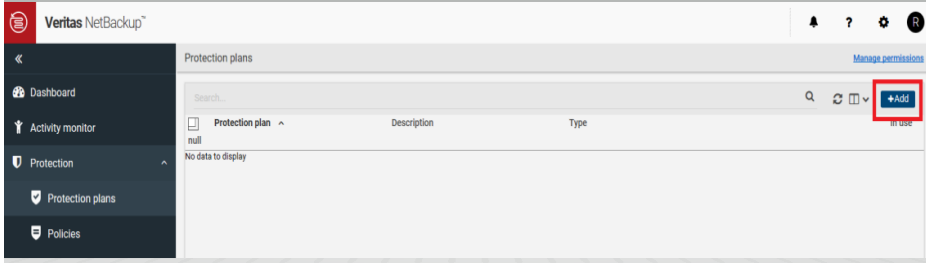
3 Once the providers have been added successfully, you would see the providers against that cloud has been incremented accordingly and the status of discovery is successful



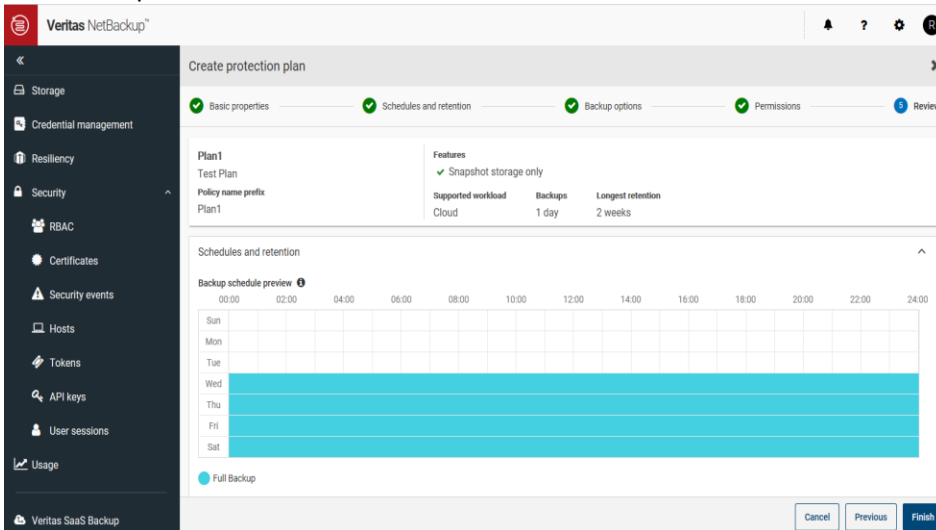
Protect an asset

1 Create a protection plan

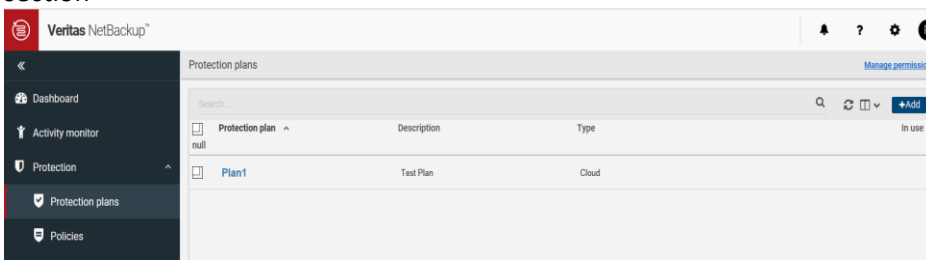
- 1 Go to Protection plan section under Protections tab
And click "+Add" to add a new protection plan



- 2 Set the properties for the Protection Plan and click Finish to create a new Protection plan

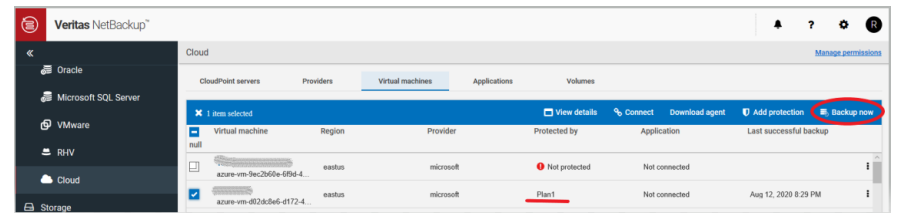


- 3 Once the Protection Plan is created it would be listed under the Protect plan section



2 Protect Assets

- 1 Once the Protection Plan has been created you may select any asset form the virtual Machine tab of cloud section to protect a VM and add the Protection Plan for scheduled backups or do a "Backup now" and select the protection plan using which you want to back up the VM
Similarly, you may protect any volume/application.



- 2 You may recover the assets by selecting the asset and going to the recovery section of the asset, and recover from the list of recovery points

