## On-demand backup of Azure VM instance

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#### Overview

Platform:	Azure
Owner of this SOP:	Fully Managed POD A
Cloud Services:	Domain Joined Virtual Machines

#### Problem

When we have an alert/notification of scheduled backup fail or requesters are asking on-demand backup of Virtual Machines before any
maintenance activity. This is will help for immediate recover.

tester	Reviewer
@ Subhankar Ghosh	

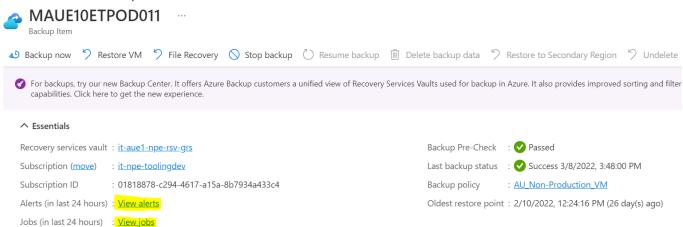
#### **Process**

#### Raise an Incident/Standard change request

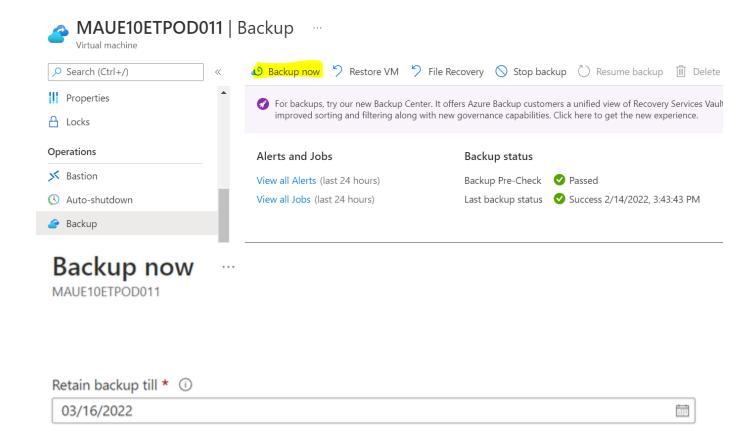
· Please open a incident/standard change request and get it approved before executing the resize activity.



- Receiving backup alert notification: pending
- Check last backup status and error details(alerts and jobs).
- · Go to VM instance backup Alerts/Jobs



• Go to VM instance Backup backup now



- After initiating backup, it will go through two process .
- 1. Take snapshot
- 2. Transfer to data vault.
- Take snapshot it is incremental instant snapshot to local storage and fast process(approx. 10-15 Minutes depending on data)
- Transfer data to vault it is full backup transfer from local storage to vault. It take more time as it is full backup.

# Home > Virtual machines > MAUE10ETPOD011 > Backup Jobs >

# Backup ...

MAUE10ETPOD011

Refresh	$\times$	Cancel	$\triangle$	Deploy	Template
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## Job details

VM Name	MAUE10ETPOD011
Recovery Point Expiry Time in UTC	3/16/2022 1:43:59 PM
Activity ID	9080dd11-21e6-4c5c-9ce1-3c4b9032e010

## Sub tasks

Name	Status
Take Snapshot	In progress
Transfer data to vault	○ Not started

## Sub tasks

Name	Status
Take Snapshot	✓ Completed
Transfer data to vault	In progress

• Whenever snapshot is completed it will create one restore point from where we can restore both OS and data disk.

Resource group: AzureBackupRG\_australiaeast\_1

Restore point collection: AzureBackup\_MAUE10ETPOD011\_1660731165

Included disks

: it-npe-toolingdev Subscription

Subscription ID : 01818878-c294-4617-a15a-8b7934a433c4

Consistency mode : FileSystemConsistent

Status : Succeeded

: 2/14/2022, 7:14:17 PM Create time

0 Showing 2 of 2 disks

Disks	Size(GiB)	Storage account type	Restore disk
MAUE10ETPOD011-osdisk	64	StandardSSD_LRS	Create disk from a restore point
MAUE10ETPOD011-data	32	Standard_LRS	Create disk from a restore point

• Check both the steps(1. snapshot & 2. transfer data to vault) are completed.

# Backup

MAUE10ETPOD011







## Job details

VM Name	MAUE10ETPOD011
Backup Size	191 MB
Activity ID	65b401d2-8f2a-455e-a4bd-5baee944d863

## Sub tasks

Name	Status
Take Snapshot	✓ Completed
Transfer data to vault	✓ Completed

### Related articles

- Create a Linux VM from Snapshot
- Rightsizing Domain Joined Linux VMs Secondary Storage (Upsize)
- Instance Management Terminate Virtual Machine
- Creating Azure File share with Private Endpoint and Storage account
   Rightsizing Domain Joined Windows VMs Data Disk (Upsize)