

# vApp/VM



- Cloud to Cloud - ; ,
- On-prem to Cloud vCloud Availability On-premise ; ,

, vApp/VM On-premise to Cloud Cloud to Cloud .



Cloud to Cloud .

On-premise:



- **from On-Prem to On-Prem**
- , VM Cloud to On-premise

:

- **vCloud Availability** vCloud Director -
- **to Cloud** **Outgoing Replications**
- **[NEW PROTECTION]**

The screenshot shows the vCloud Director interface for managing outgoing replications. On the left sidebar, the user is logged in as 'testforfaq@78'. Under 'Outgoing Replications', the 'to Cloud' option is selected and highlighted with a red box. The main area shows a summary of 'Outgoing' replications, with 'VAPP' and 'VM' buttons. A dropdown menu shows '97' replications. Below this, there are two buttons: 'NEW PROTECTION' (highlighted with a red box) and 'NEW MIGRATION' (highlighted with a green box). There are also 'SETTINGS' and 'NE' buttons. Below the buttons is a table with columns for 'VM', 'vApp', 'RPO', and 'Source VDC name'. The table is currently empty.

- **"Cloud vApps and VMs"** vApp ,

VM vApp. VM . vApp .



, vApp, VM.

- **[NEXT]**

New Outgoing Replication

1 Cloud vApps and VMs

2 Target Site

3 Target VDC

4 Protection Settings

5 Ready To Complete

### Cloud vApps and VMs

Select vApp/vms you want to protect:

REFRESH EXPAND ALL SELECT ALL

vApp / VM	VDC
> <input type="checkbox"/> x (1 VMs)	testforfaq-VDC
> <input type="checkbox"/> xx-b67296bb-d5c0-4aa7-bf32-98bfc7504a... (1 VMs)	testforfaq-VDC
<input checked="" type="checkbox"/> xxx-5fbcba35-6918-4796-b9e0-90f497c... (1 VMs) <input checked="" type="checkbox"/> xxx	testforfaq-VDC

1 selected VMs Items per page 20 1-3 of 3 results

CANCEL NEXT

- "Target Site"
- [NEXT]

New Outgoing Replication

1 Cloud vApps and VMs

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### Target Site

Choose the destination site for the replication.

54

25

Demo-97

97

78

CANCEL BACK NEXT

- "Target VDC" - ,
- [NEXT]

### New Outgoing Replication

- 1 Cloud vApps and VMs
- 2 Target Site
- 3 Target VDC
- 4 Protection Settings
- 5 Ready To Complete

### Target VDC

Select a virtual data center from **97** to be used as replication target: REFRESH

	Name	Organization	Used CPU	Used memory	Used storage
<input checked="" type="radio"/>	MTS-Demo01...	MTS-Demo01@97	0 M	1.56 GB	4.41 TB

Items per page 20 << < 1-1 of 1 results > >>

CANCEL
BACK
NEXT

- **"Protection Settings":**
  - RPO (recovery point objective) -
  - - Storage Policy
  - Retention policy
  - Enable quiescing will ensure application level consistency before creating an instance;
  - Configure seed VMs. exclude disks or schedule the initial sync
- **[NEXT]**

### New Outgoing Replication

- 1 Cloud vApps and VMs
- 2 Target Site
- 3 Target VDC
- 4 Protection Settings
- 5 Ready To Complete

### Protection Settings

Target recovery point objective (RPO)

5 min
30 min
2 hours
8 hours
24 hours

**2h**

Storage policy

Select the new storage policy placement for the recovered VMs

SSD v

Retention policy for point in time instances

Preserve 4 instances spread evenly over the last 4 days

Enable quiesce

Enabling quiescing will ensure application level consistency before creating an instance.

Advanced

Configure seed VMs, exclude disks or schedule the initial sync.

CANCEL
BACK
NEXT

- **"Ready To Complete"**
- **[FINISH]**

### New Outgoing Replication

Ready To Complete

Verify the selected settings before proceeding:

VMs	xxx
Source organization	testforfaq@78
Source VDC	testforfaq-VDC
Destination organization	MTS-Demo01@97
Destination VDC	MTS-Demo01-VDC
Storage policy	SSD
Target RPO	2h
Quiescing	Enabled
Retention	Disabled
Sync time	4/1/20, 2:30 PM

CANCEL BACK **FINISH**

- Replication state

Outgoing VAPP VM replications to 97

NEW PROTECTION NEW MIGRATION SETTINGS NETWORKS STORAGE DISKS SYNC PAUSE RESUME

	VM	vApp	RPO	Source VDC name	Destination organization	Destination VDC name	Replication state
<input type="checkbox"/>	xxx	xxx...	2h	testforfaq-VDC	MTS-Demo01@97	MTS-Demo01-VDC	18% Synchroni...

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