

VMware Cloud Director Availability On-premises Guides

Guide #10

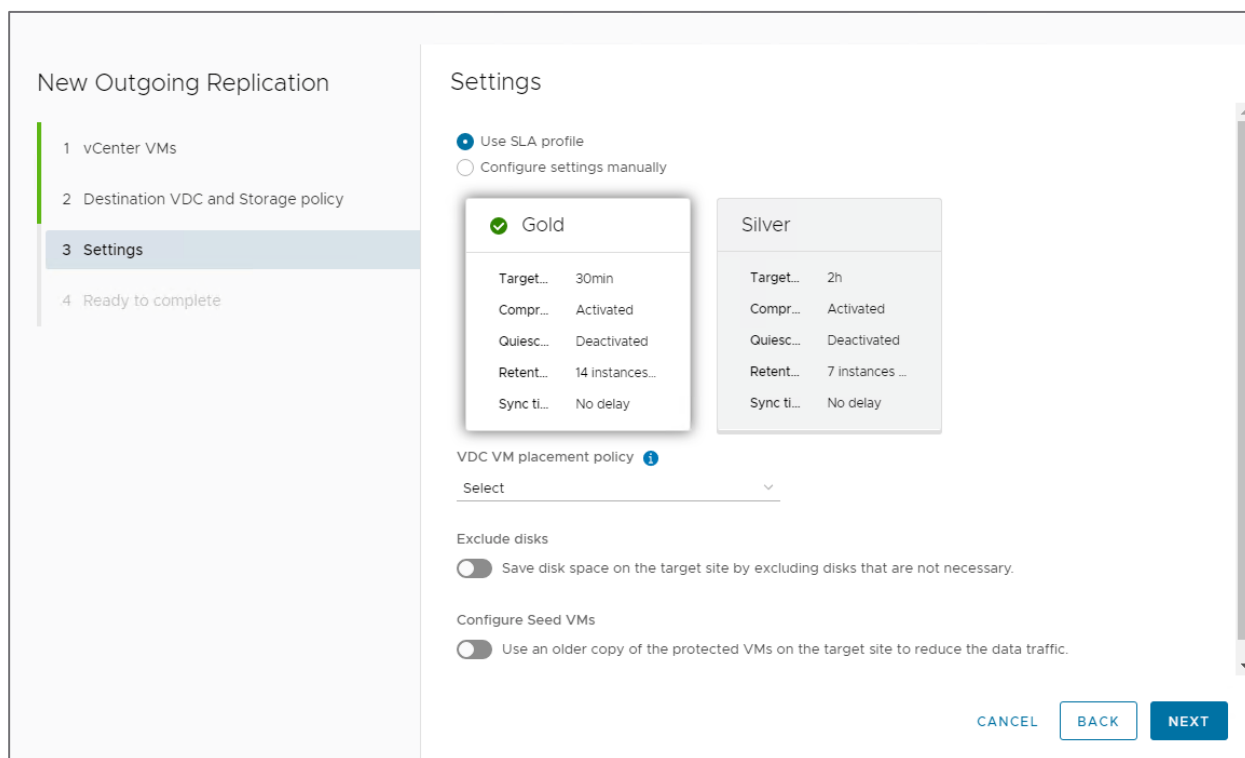
Configure a protection by using SLA profiles

You can find the most up-to-date technical documentation on the VMware website at: <https://docs.vmware.com/>

If you have comments about this documentation, submit your feedback to: vcav-light@vmware.com

Using an SLA profile when creating a new replication

1. When creating a replication, you must provide the RPO (Recovery Point Objective) which impacts how many instances are preserved for a specific time period. The RPO settings are predefined with an SLA profile, select the SLA in the **Settings** page when creating new replication.



New Outgoing Replication

- 1 vCenter VMs
- 2 Destination VDC and Storage policy
- 3 Settings**
- 4 Ready to complete

Settings

☒ Use SLA profile
☐ Configure settings manually

Gold	Silver
Target... 30min	Target... 2h
Compr... Activated	Compr... Activated
Quiesc... Deactivated	Quiesc... Deactivated
Retent... 14 instances...	Retent... 7 instances ...
Sync ti... No delay	Sync ti... No delay

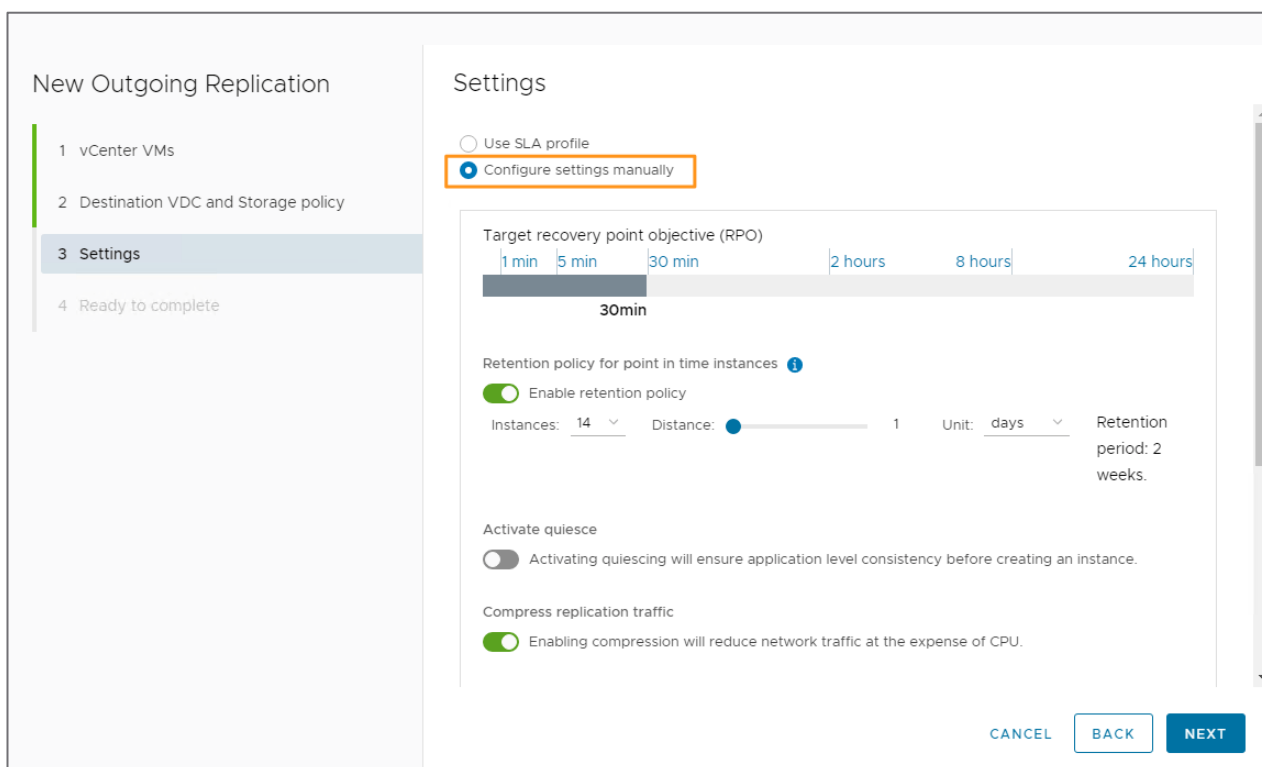
VDC VM placement policy ⓘ
Select

Exclude disks
☐ Save disk space on the target site by excluding disks that are not necessary.

Configure Seed VMs
☐ Use an older copy of the protected VMs on the target site to reduce the data traffic.

CANCEL BACK NEXT

2. If the cloud provider selected **Allow custom SLA settings** for your organization, RPO and instances options can be set by selecting **Configure settings manually**.



New Outgoing Replication

- 1 vCenter VMs
- 2 Destination VDC and Storage policy
- 3 Settings**
- 4 Ready to complete

Settings

☐ Use SLA profile
☒ Configure settings manually

Target recovery point objective (RPO)

1 min 5 min 30 min 2 hours 8 hours 24 hours

30min

Retention policy for point in time instances ⓘ

☒ Enable retention policy
 Instances: 14 Distance: 1 Unit: days Retention period: 2 weeks.

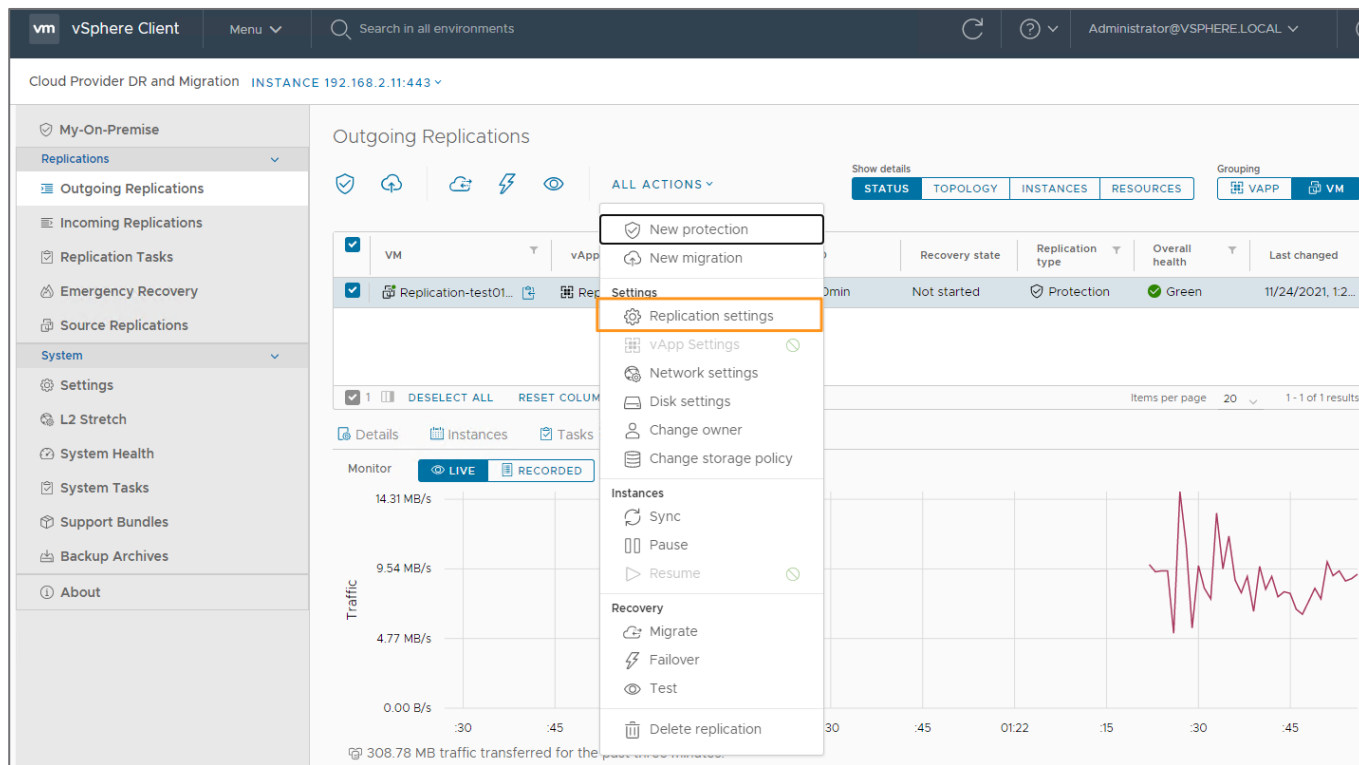
Activate quiesce
☐ Activating quiescing will ensure application level consistency before creating an instance.

Compress replication traffic
☒ Enabling compression will reduce network traffic at the expense of CPU.

CANCEL BACK NEXT

Editing an SLA profile for existing replications

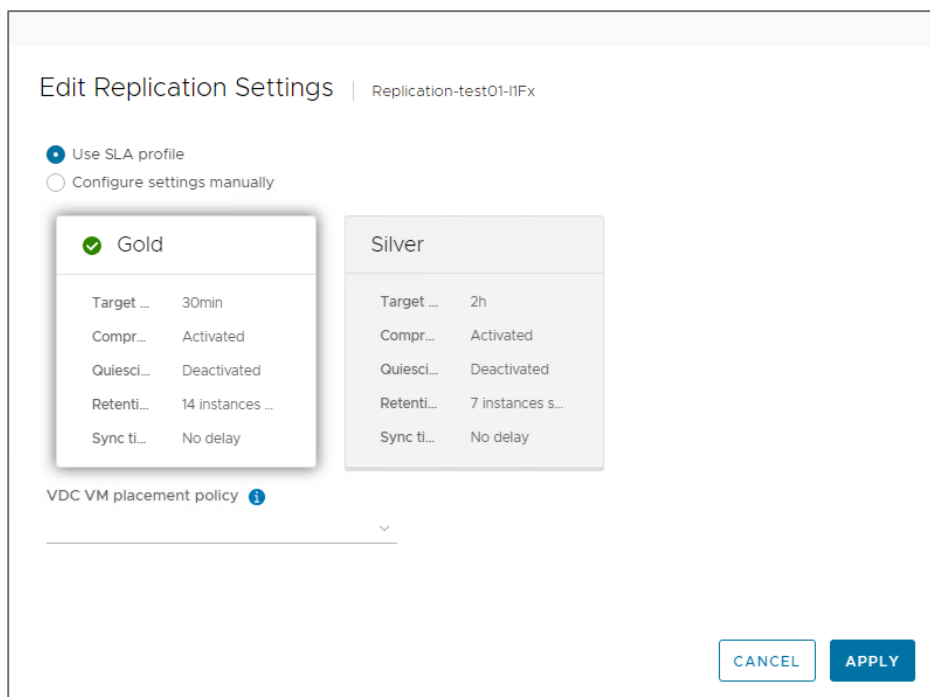
- For existing replications, the SLA profile can be changed by selecting the replications and from the **All actions** menu, select **Replication settings**.



- Optionally, select the assigned SLA profile for the selected replications.

Note: If the cloud provider selected **Allow custom SLA settings** for your organization, RPO, instances enable or disable quiescing and compression options can be set by selecting **Configure settings manually**

- To save the changes, click **Apply**.



Additional information about the SLA profiles

By default, the following three SLA profiles are predefined in the cloud service:

+ NEW EDIT ASSIGN CLONE DELETE <div> PROFILES ORGANIZATIONS </div>								
	Name	RPO	Retention	Quiescing	Compression	Initial Synchronizing	Usage	
<input type="radio"/>	Gold	30min	14 instances spread 1 day apart	No	Activated	No delay	1 Orgs, 1 Replications	
<input type="radio"/>	Silver	2h	7 instances spread 1 day apart	No	Activated	No delay	1 Orgs, 0 Replications	
<input type="radio"/>	Bronze	4h	Keep latest instance only	No	Activated	No delay	0 Orgs, 0 Replications	

The cloud provider can create new SLA profiles, delete or modify the predefined profiles.

All SLA profiles or just some of them can be assigned to your organization. Also, your organization may not have an assigned SLA profile.

If some SLA profiles are assigned to your organization, the Allow **custom SLA settings** can be deselected from the Policy.

Edit Policy
Default Policy

Policy name: *
Default Policy

Migration

☒ Incoming migrations
☒ Outgoing migrations

Protection

☒ Incoming protections
☒ Outgoing protections
☐ Custom SLA settings
☒ Allow advanced retention rules

Max rotated instances per protection: ⓘ *
24

Max stored instances per protection: ⓘ *
0

Minimum allowed RPO:

1 min
5 min
30 min
2 hours
8 hours
24 hours

1min

⚠ You can find more about 1 min RPO requirements and details at VMware Cloud Director Availability documentation.

Events and Notifications

☒ Settings changes

General limits

CANCEL
APPLY



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