VMware Cloud Director Availability On-premises Guides

Guide #11

Advanced configuration: Disk exclusion, VM seeds

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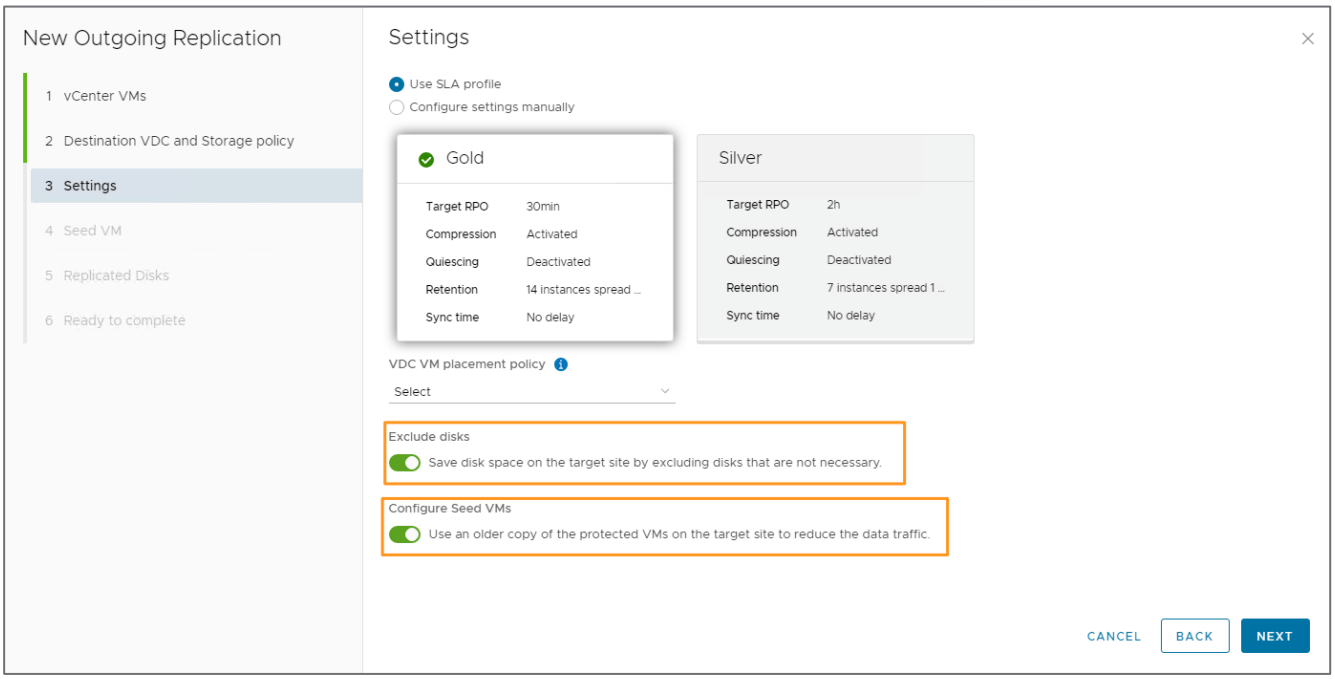
When creating a replication, to reduce the replication data traffic and free destination storage, some VM disks can be excluded from the replication. For example, when the source VM contains disks that are used to store swaps, dumps or other data that does not need to be replicated to the destination site, those disks can be excluded from the replication. Excluding disks is useful when the bandwidth is limited, when the traffic is being charged, and to save disk space in the destination site.

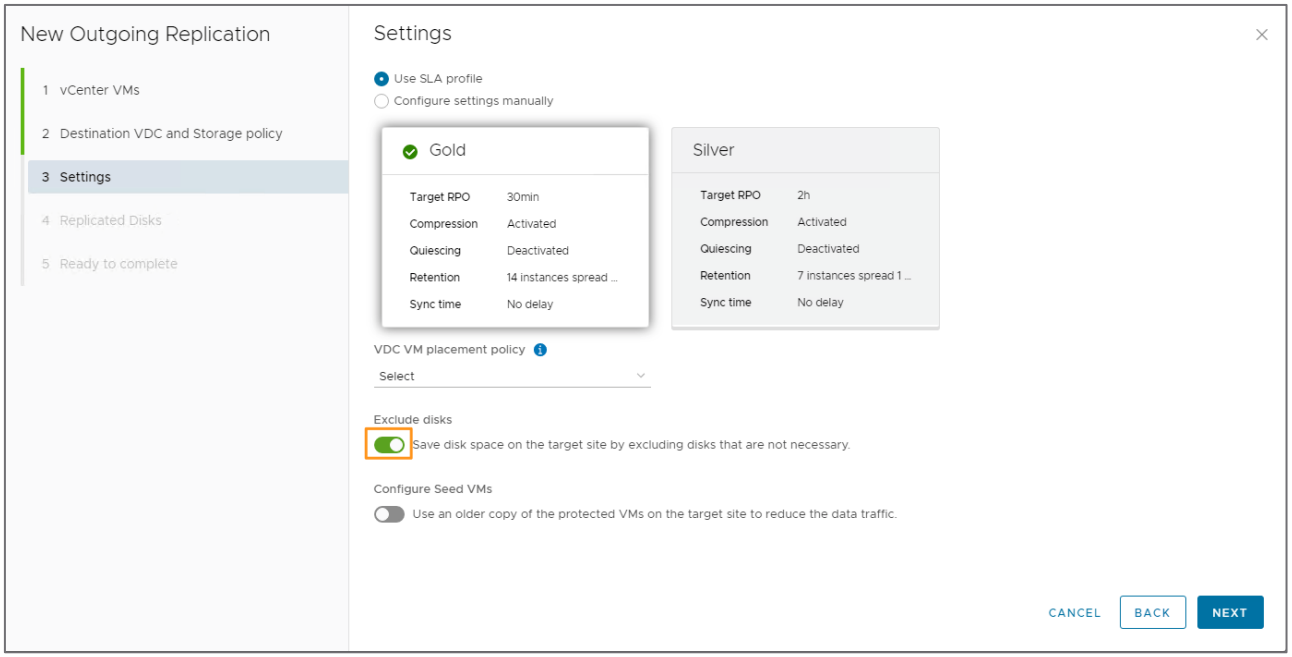
Also, when creating a replication, to reduce the full initial replication synchronization traffic, an already existing VM on the destination site can be used as a seed VM. By using a seed VM, only the changed blocks are transferred for disks for which seed is used.



Excluding Disks

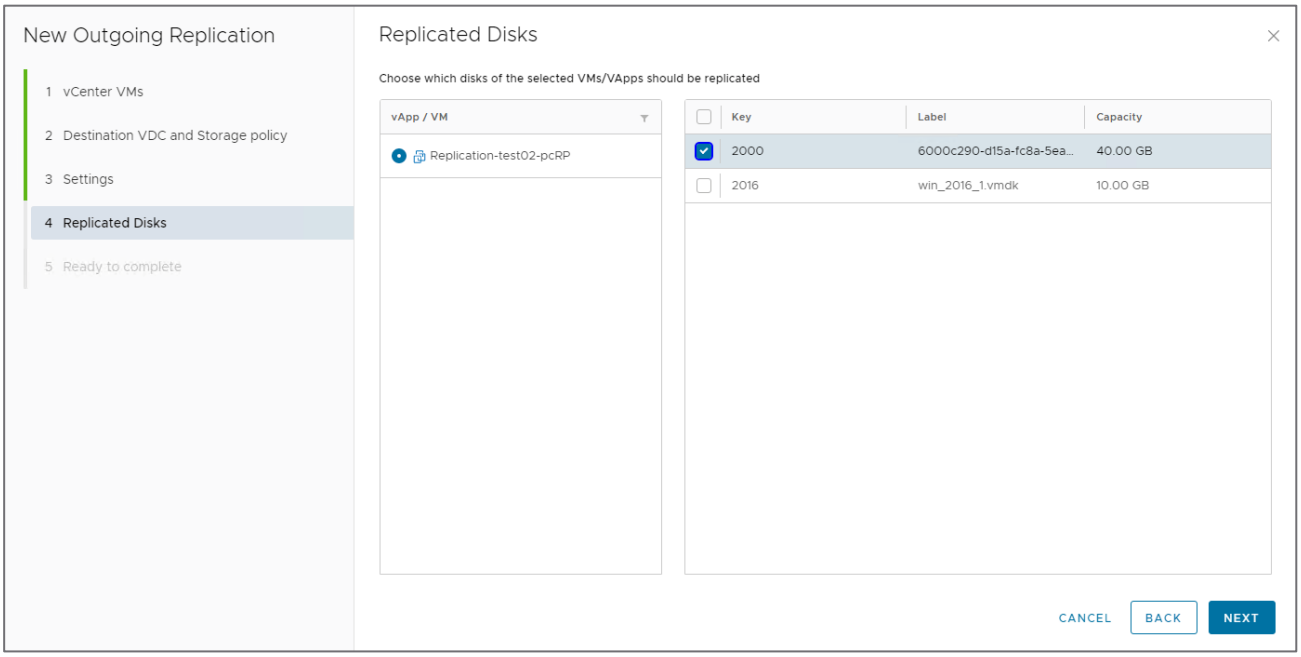
When creating a replication, in the New Replication wizard some or all of the source VM disks can be excluded.

1. In the **Settings** page, select **Exclude disks** and click **Next**.



2. In the **Replicated Disks** page, select the VM and in the right pane, deselect the disks to exclude from replication.

Note: By deselecting all VM disks, only the VM configuration files are replicated.

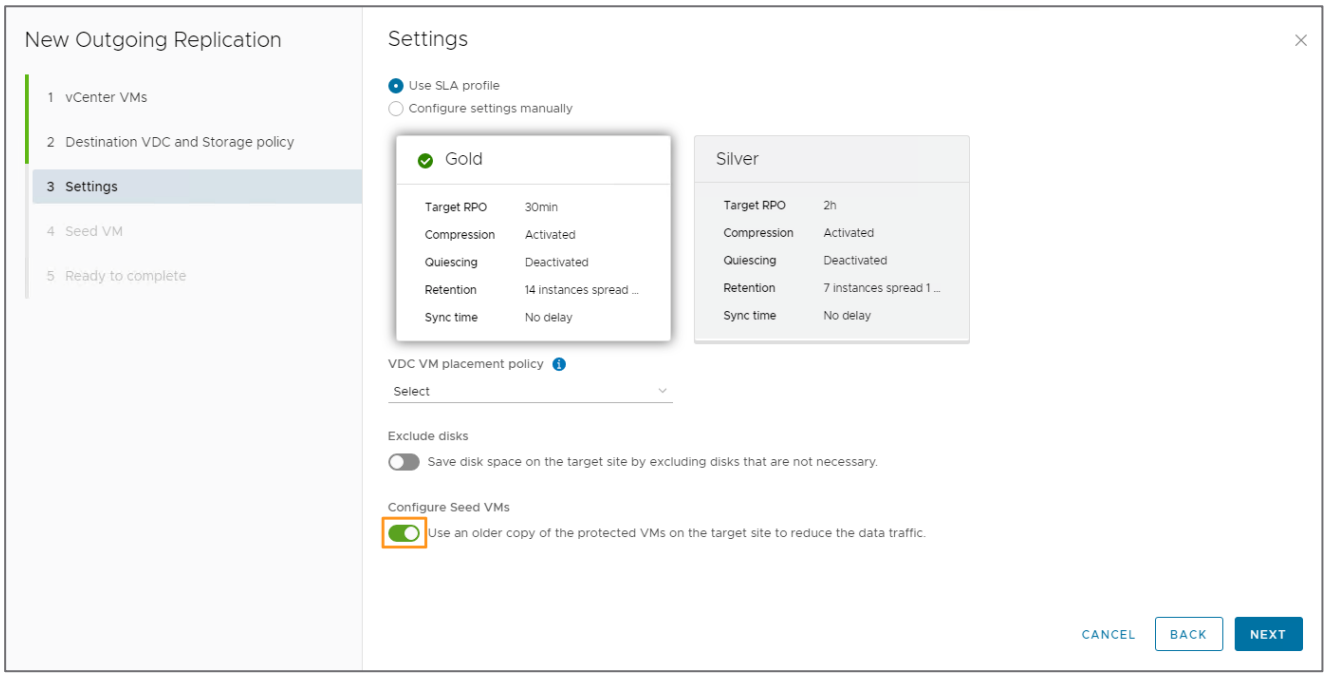


3. In the **Ready to Complete** page, verify the provided disk details and click **Finish**.

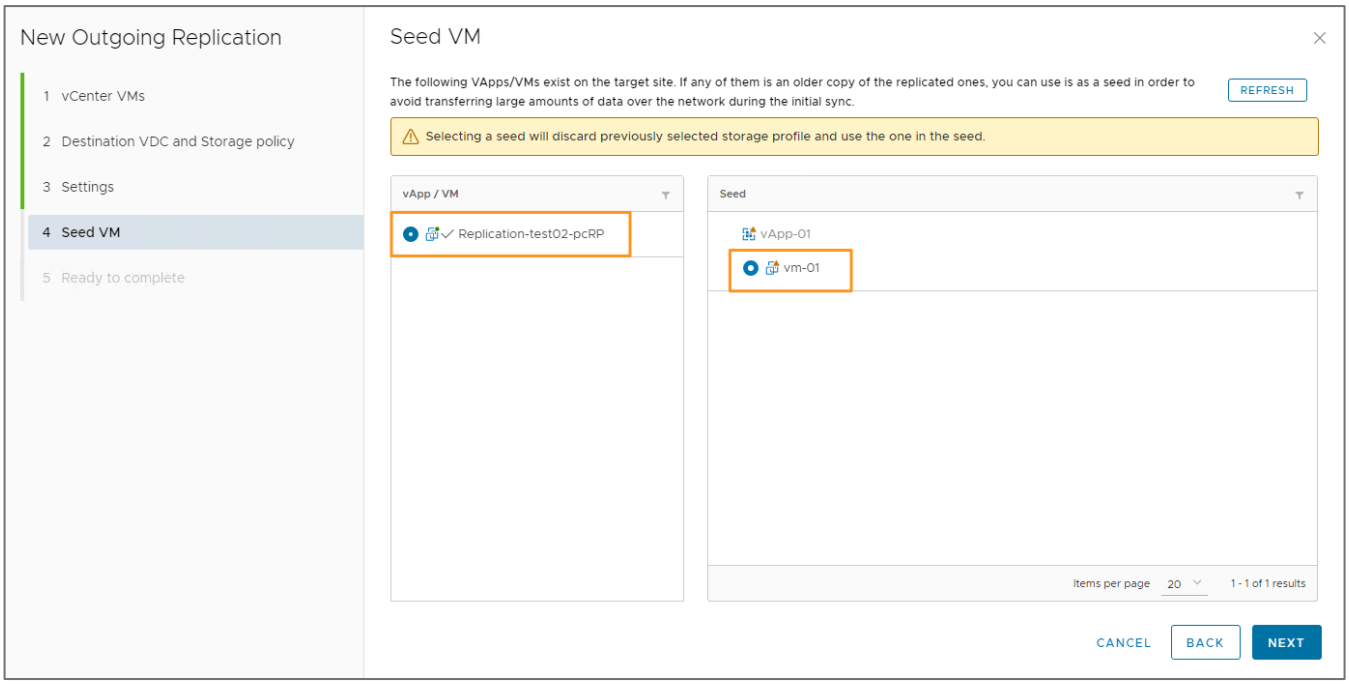
Using Seed VMs

When creating a replication, in the New Replication wizard, seed VMs can be used.

1. In the **Settings** page, to use a VM seed, select **Configure Seed VMs** and click **Next**.

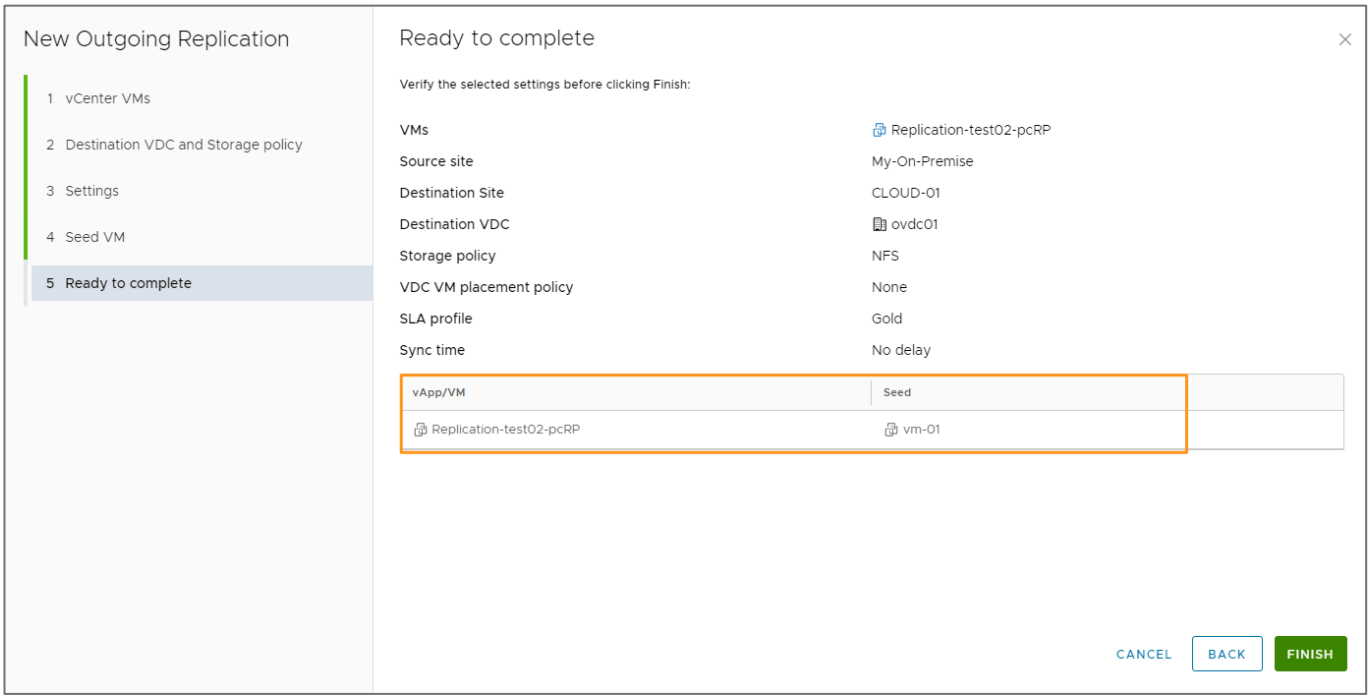


2. In the **Seed VM** page, select a VM matching with the corresponding destination seed and click **Next**.



3. In the **Ready to Complete** page, verify the provided seed details and click **Finish**.

Note: During the initial full synchronization, the source and the destination disk blocks are compared and transferred only when changed. By not using a seed, the entire source disk is synchronized.



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