**Uninstalling VRAs**

VRAs are uninstalled via the Zerto User Interface and not via the vCenter Server user interface. You cannot uninstall a VRA

which is used to protect or recover virtual machines.

For a VRA protecting virtual machines – Before uninstallng the VRA, remove affinity rules for protected virtual machines on

the host and vMotion these protected virtual machines to another host in the cluster with a VRA installed.

For a VRA recovering virtual machines – Before uninstallng the VRA, change the host for all virtual machines in VPGs

recovering to this VRA to another host as described in “Changing a Recovery VRA For Virtual Machines”, on page 168. A

Bitmap Sync occurs to synchronize the VPGs with the new host.

Note: If the VRA has crashed, or was accidentally deleted, it must be forcibly uninstalled, as described in “Handling a Ghost

VRA”, on page 169.

For a VRA in a cluster, you can remove it and then install a new VRA. However, to ensure that virtual machines in the cluster

are not moved to the host without a VRA from the time the VRA is removed to the time a new VRA is installed, it is

recommended to perform the following procedure.

To uninstall a VRA with virtual machines being recovered to it:

1. When the VRA to be removed is in a cluster, set VMware DRS to manual for the duration of the procedure, so that virtual

machines in the cluster are not moved to the host without a VRA from the time the VRA is removed to the time a new VRA

is installed.

2. Remove affinity rules for protected virtual machines on the host and vMotion any protected virtual machines to another

host with a VRA installed.

3. Change the host for all virtual machines in VPGs recovering to this VRA to another host as described in “Changing a

Recovery VRA For Virtual Machines”, on page 168.

4. Wait for any synchronization to complete.

5. Either select the VRAs to uninstall in the VRAs tab or for a single VRA display the VRA details by clicking the VRA Name link

in the VRAs tab, and click MORE > UNINSTALL.

6. Once the VRAs are completely removed, install a new VRA on the host.

Note: If a VRA cannot be removed, when the VRA was installed on an ESXi version 4.x or 5.x host and the password to the host

was changed, contact Zerto support.

After the VRA is uninstalled, connectivity from that VRA to any Zerto Cloud Connector is lost. After a VRA is reinstalled on the

host, the ports that were used for the connection to the Zerto Cloud Connector are not reused and new ports must be opened

in the firewall for the cloud site. For details about Zerto Cloud Connectors, refer to Zerto Cloud Manager Administration Guide.

Handling a Ghost VRA

When an event occurs, for example the host machine crashes or the VRA or a shadow VRA is accidentally deleted, if the VRA

has shared storage disks that are accessible by other hosts in the site, you can copy these disks to another VRA in the site.

The VRA is represented in the VRAs tab as a ghost VRA.

To recover VRA disks from a ghost VRA:

1. Remove the VPGs, keeping the recovery disks when removing to use as preseeded disks.

2. Uninstall the VRA.

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3. Reinstall the VRA, as described in “Installing a VRA”, on page 162.

4. Recreate the VPGs using the preseeded disks.