



REST API workflows to attach and detach VMDKs

SnapCenter Plug-in for VMware vSphere 4.4

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To perform attach and detach operations for VMDKs using the SnapCenter Plug-in for VMware vSphere REST APIs, you must follow the prescribed sequence of REST API calls.

For each REST API, add `<a href="https://<server>:<port>" class="bare">https://<server>:<port>` at the front of the REST API to form a complete endpoint.

To attach VMDKs, follow this workflow:

Step	REST API	Comments
1	Go to <a href="http://<vCenter-IP>/mob">http://<vCenter-IP>/mob	Find the VM moref from the VMware Managed Objects URL. Note the moref for the VM to which you want to attach a VMDK.
2	<code>/4.1/vm/{moref}/backups</code>	<code>Get VM Backups</code> gets a list of backups for the specified VM. Pass the moref from Step 1. Note the backupId of the backup you want to restore.
3	<code>/4.1/vm/{moref}/backups/{backupId}/vmdklocations</code>	<code>Get VMDK Locations</code> gets a list of VMDKs for the specified VM. Pass the backupId from Step 2 and the moref from Step 1. Note the vmdkLocationsList information.
4	<code>/4.1/vm/{moref}/attachvmdks</code>	<code>Attach VMDKs</code> attaches the specified VMDK to the original VM. Pass the backupId from Step 2 and the moref from Step 1. Pass the vmdkLocationsList from Step 3 to the vmdkLocations attribute. Note: To attach a VMDK to a different VM, pass the moref of the target VM in the alternateVmMoref attribute.

To detach VMDKs, follow this workflow:

Step	REST API	Comments
1	Go to <a href="http://<vCenter-IP>/mob">http://<vCenter-IP>/mob	Find the VM moref from the VMware Managed Objects URL. Note the moref for the VM on which you want to detach a VMDK.

Step	REST API	Comments
2	/4.1/vm/{moref}/backups	Get VM Backups gets a list of backups for the specified VM. Pass the moref from Step 1. Note the backupId of the backup you want to restore.
3	/4.1/vm/{moref}/backups/{backupId}/vmdklocations	Get VMDK Locations gets a list of VMDKs for the specified VM. Pass the backupId from Step 2 and the moref from Step 1. Note the vmdkLocationsList information.
4	/4.1/vm/{moref}/detachvmdks	Detach VMDKs detaches the specified VMDK. Pass the moref from Step 1. Pass the VMDK vmdkLocationsList details from Step 3 to the vmdksToDetach attribute.

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