



Setting up Cloud Volumes ONTAP

Cloud Manager

Ben Cammett
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After you deploy Cloud Volumes ONTAP, you can set it up by synchronizing the system time using NTP and by performing a few optional tasks from either System Manager or the CLI.

Task	Description															
Synchronize the system time using NTP	<p>Specifying an NTP server synchronizes the time between the systems in your network, which can help prevent issues due to time differences.</p> <p>Specify an NTP server using the Cloud Manager API or from the user interface when you set up a CIFS server.</p> <ul style="list-style-type: none">• Modifying the CIFS server• Cloud Manager API Developer Guide <p>For example, here's the API for a single-node system in AWS:</p> <div><div>POST /vsa/working-environments/{workingEnvironmentId}/ntp</div><div>Setup NTP server. Operation may only be performed on working environments whose status is: ON, DEGRADED.</div><div>Parameters</div><table><thead><tr><th>Parameter</th><th>Value</th><th>Description</th><th>Parameter Type</th><th>Data Type</th></tr></thead><tbody><tr><td>workingEnvironmentId</td><td><input type="text"/></td><td>Public Id of working environment</td><td>path</td><td>string</td></tr><tr><td>body</td><td><div>(required)</div><div></div><div>Parameter content type: application/json</div></td><td>NTP Configuration request</td><td>body</td><td>Model Model Schema NTPConfigurationRequest { ntpServer (string): NTPS server }</td></tr></tbody></table><div>Try it out!</div></div>	Parameter	Value	Description	Parameter Type	Data Type	workingEnvironmentId	<input type="text"/>	Public Id of working environment	path	string	body	<div>(required)</div> <div></div> <div>Parameter content type: application/json</div>	NTP Configuration request	body	Model Model Schema NTPConfigurationRequest { ntpServer (string): NTPS server }
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Optional: Configure AutoSupport	<p>AutoSupport proactively monitors the health of your system and automatically sends messages to NetApp technical support by default.</p> <p>If the Account Admin added a proxy server to Cloud Manager before you launched your instance, Cloud Volumes ONTAP is configured to use that proxy server for AutoSupport messages.</p> <p>You should test AutoSupport to ensure that it can send messages. For instructions, see the System Manager Help or the ONTAP 9 System Administration Reference.</p>															
Optional: Configure the Cloud Manager Connector as the AutoSupport proxy	<p>If your environment requires a proxy server to send AutoSupport messages, you can configure the Connector to act as the proxy. No configuration for the Connector is required, other than internet access. You simply need to go to the CLI for Cloud Volumes ONTAP and run the following command:</p> <pre>system node autosupport modify -proxy-url <connector-ip-address></pre>															

Task	Description
Optional: Configure EMS	<p>The Event Management System (EMS) collects and displays information about events that occur on Cloud Volumes ONTAP systems. To receive event notifications, you can set event destinations (email addresses, SNMP trap hosts, or syslog servers) and event routes for a particular event severity.</p> <p>You can configure EMS using the CLI. For instructions, see the ONTAP 9 EMS Configuration Express Guide.</p>
Optional: Change the backup location of configuration files	<p>Cloud Volumes ONTAP automatically creates configuration backup files that contain information about the configurable options that it needs to operate properly.</p> <p>By default, Cloud Volumes ONTAP backs up the files to the Connector host every eight hours. If you want to send the backups to an alternate location, you can change the location to an FTP or HTTP server in your data center or in AWS. For example, you might already have a backup location for your FAS storage systems.</p> <p>You can change the backup location using the CLI. See the ONTAP 9 System Administration Reference.</p>

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