Cloud\ \;Manager\ \;3\.5

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1. Licensing

Each Cloud Volumes ONTAP BYOL system must have a license installed with an active subscription. If an active license is not installed, the Cloud Volumes ONTAP system shuts itself down after 30 days. Cloud Manager simplifies the process by managing licenses for you and by notifying you before they expire.

License management for a new system

A tenant must be linked to a NetApp Support Site account so Cloud Manager can obtain licenses for Cloud Volumes ONTAP BYOL systems. If the credentials are not present, Cloud Manager prompts you to enter them when you create a new Cloud Volumes ONTAP BYOL working environment.

For instructions, see Linking tenants to a NetApp Support Site account.

Each time you launch a BYOL system, Cloud Manager automatically downloads the license from NetApp and installs it on the Cloud Volumes ONTAP system.

If Cloud Manager cannot access the license file over the secure internet connection, you can obtain the file yourself and then manually upload the file to Cloud Manager.

License expiration

Cloud Manager warns you 30 days before a license is due to expire and again when the license expires. The following image shows a 30-day expiration warning:

[Screen shot: Shows a Cloud Volumes ONTAP working environment that includes a warning icon. The icon indicates that an action is required.]

You can select the working environment to review the message.

If you do not renew the license in time, the Cloud Volumes ONTAP system shuts itself down. If you restart it, it shuts itself down again.

> Cloud Volumes ONTAP can also notify you through email, an SNMP traphost, or syslog server using EMS (Event Management System) event notifications. For instructions, see the ONTAP 9 EMS Configuration Express Guide.

License renewal

When you renew a BYOL subscription by contacting a NetApp representative, Cloud Manager automatically obtains the new license from NetApp and installs it on the Cloud Volumes ONTAP system.

If Cloud Manager cannot access the license file over the secure internet connection, you can obtain the file yourself and then manually upload the file to Cloud Manager. For instructions, see Installing license files on Cloud Volumes ONTAP BYOL systems.