

Harvester add-ons allow you to enable and disable specific Harvester and third-party components based on your requirements. Add-ons function as a wrapper for the [RKE2 HelmChart resource definition \(CRD\)](#).

Prerequisites

- An existing Harvester cluster

Add-on Specifications

The `Addon` CRD supports the following fields:

```
apiVersion: harvesterhci.io/v1beta1
kind: Addon
metadata:
  name: example-add-on           # Name of add-on
  namespace: example-namespace  # Namespace where the add-on CRD is deployed and
                                # where the associated Kubernetes components will be deployed
  labels:                        # Optional add-on labels
    Add-on.harvesterhci.io/experimental: "true" # Predefined label used on the
                                # Harvester UI to identify add-ons with the "experimental" maturity level
spec:
  enabled: false                 # Boolean indicating if an add-on should be enabled
                                # or disabled on definition
  repo: https://chartsrepo.com  # Helm chart repository containing the Helm chart
                                # managed by the add-on
  version: "v0.19.0"            # Version of the Helm chart to be installed
  chart: mychart                # Name of the Helm chart in the Helm chart
                                # repository
  valuesContent: |-              # File (values.yaml) that must be passed to the Helm
                                # chart
    contents of values.yaml
    that need to be passed
    to the chart
```

:::note

Experimental add-ons are not directly packaged in Harvester. An example is the [rancher-vcluster](#) add-on.

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Installation

```
kubectl apply -f /path/to/add-on.yaml
```

Usage

After creating an `Addon` CRD, you can toggle the `enabled` field to enable and disable the associated Helm chart.

Upgrade

Changes to the `repo`, `version`, `chart` or `valueContent` fields will trigger a `helm upgrade`, which forces an upgrade of the existing Helm chart.

Uninstallation

```
kubectl delete -f /path/to/Add-on.yaml
```