

# **KNIME Business Hub Upgrade Notes and Technical Changes**

KNIME AG, Zurich, Switzerland  
Version 1.16 (last updated on )



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# Notes for all versions

## Updating CRDs

Some upgrades include changes to **Custom Resource Definitions (CRDs)**.

If you are using the **automated CRD updater tool** bundled with the KNIME Business Hub application, CRDs are updated automatically during the upgrade.

If you have **disabled the updater** and **installed CRDs manually**, make sure to **re-apply the latest CRDs** from the **public repository** after each upgrade.

Outdated CRDs can cause issues such as executor errors or failed component deployments.

## KNIME Business Hub version 1.16

### Important notice for existing customers (32 GiB RAM instances)

Previously, a Hub instance with 32 GiB of RAM could host executors configured with up to 12 GiB of memory. After this update, the maximum executor size must be reduced to **8 GiB** before starting the upgrade (**Editing Executor Configuration**). If executor memory is not adjusted, executors will fail to start until their configuration is lowered.

### For customers on instances with more than 32 GiB RAM

In some cases, a large share of memory may already be reserved for execution. To ensure smooth operation, **core services now require 24 GiB**, leaving the remainder available for execution. Please adjust your executor memory accordingly before the update.

## KURL-related infrastructure changes

Updated KURL installer (**KURL Installer**), bringing the following updates and more:

- Kubernetes update to 1.33.4 (from 1.30.7 compared to last KURL update)
- KOTS installer update to 1.125.2
- Velero update to 1.16.2

## Updated RoleBinding for license validation

With this release the RoleBinding used for license validation has been updated with additional ServiceAccount references. If you've installed KNIME Business Hub with **Minimal RBAC** you need to apply the updated Cluster Roles as described [here](#) before updating.

# KNIME Business Hub version 1.15

## Istio upgrade

Istio has been upgraded to version 1.24.2.

- For installations that have manually installed `istio` it is highly recommended to update `istio` to the same version. Instructions are available [here](#).
- For installations that install `istio` via KOTS, no other input is required. The upgrade will be automatic.

This upgrade will be mandatory in future releases when features only found in `istio` 1.24 are in use.

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