

Kubernetes Maintenance

Adfinis**sy**Group

Be smart. Think open source.

Kubernetes Maintenance

Managed Solutions

Pro

- managed upgrades
- managed provisioning of new nodes
- issues are fixed and tested by the supplier

Contra

- bound to release schedule
- official bugfixes do not have to work

Plain K8S

Pro

- freedom
- community driven project

Contra

- manual upgrade
- manual provisioning of new nodes

SuSe Caasp Admin Interface / Velum UI

- admin UI for managing your cluster
- checking state of cluster
- upgrading nodes
- adding/removing nodes

Upgrade process in CaasP

Cluster Status

Summary











Total nodes	5	Updates	Manual
Master nodes	3	# of nodes w/ outdated software	5
Unassigned nodes	0		

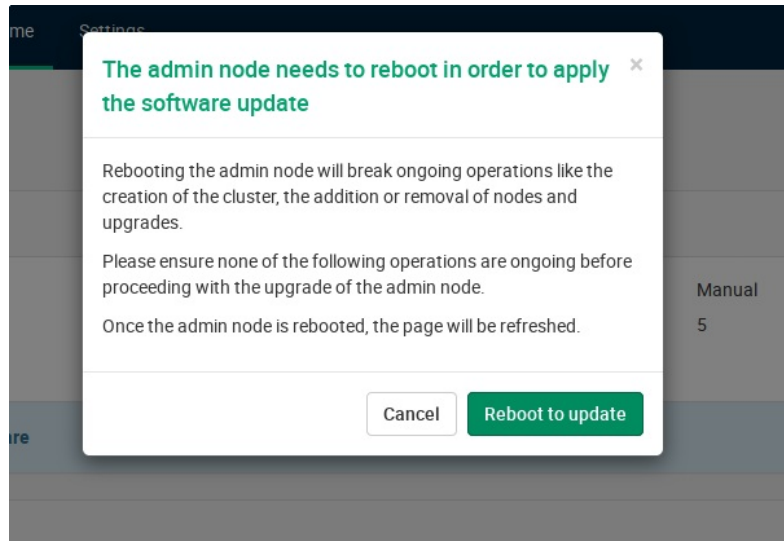
 Admin node is running outdated software

[UPDATE ADMIN NODE](#)

Nodes

[+ Add node](#) [📄 kubeconfig](#)

Online	Applied	ID	Hostname	Role	Actions
	 Update Available	13f79f8428fd49888efd33037d51c1e5	localhost	<input checked="" type="checkbox"/> master	Remove
	 Update Available	18fc757fba5f45f39f91c348dc694c4c	localhost	<input checked="" type="checkbox"/> master	Remove
	 Update Available	eb9b944a76d643109c587cf722162763	localhost	<input checked="" type="checkbox"/> master	Remove
	 Update Available	88d811832d214b97984da496271b6ec6	localhost	<input type="checkbox"/> worker	Remove
	 Update Available	2f0d388e79894505ab09b5b936d87a5c	localhost	<input type="checkbox"/> worker	Remove



The admin node needs to reboot in order to apply the software update ✕

Rebooting the admin node will break ongoing operations like the creation of the cluster, the addition or removal of nodes and upgrades.

Please ensure none of the following operations are ongoing before proceeding with the upgrade of the admin node.

Once the admin node is rebooted, the page will be refreshed.

Cancel

Reboot to update

Cluster Status

Summary

Total nodes 5
Master nodes 3
Unassigned nodes 0











Updates Manual
of nodes w/ outdated software 5 ([update all nodes](#))

Nodes

[+ Add node](#) [📄 kubeconfig](#)

Online	Applied	ID	Hostname	Role	Actions
	Update Available	13f79f8428fd49888efd33037d51c1a5	localhost	<input checked="" type="checkbox"/> master	Remove
	Update Available	18fc757fba5f45f39f91c348dc694c4c	localhost	<input checked="" type="checkbox"/> master	Remove
	Update Available	eb9b944a76d643109c587cf722162763	localhost	<input checked="" type="checkbox"/> master	Remove
	Update Available	88d811832d214b97984da496271b6ec6	localhost	<input type="checkbox"/> worker	Remove
	Update Available	2f0d388e79894505ab09b5b936d87a5c	localhost	<input type="checkbox"/> worker	Remove

Nodes

Online	Applied	ID
	 Update in progress	13f79f8428fd49888efd33037d51c1a5
	 Update in progress	18fc757fba5f45f39f91c348dc694c4c
	 Update in progress	eb9b944a76d643109c587cf722162763
	 Update in progress	88d811832d214b97984da496271b6ec6
	 Update in progress	2f0d388e79894505ab09b5b936d87a5c

Cluster Status

Summary

Total nodes 5
Master nodes 3
Unassigned nodes 0

Updates Manual
of nodes w/ outdated software 0

Nodes

[+ Add node](#)[📄 kubeconfig](#)

Online	Applied	ID	Hostname	Role	Actions
		13f79f8428fd49888efd33037d51c1a5	localhost	<input checked="" type="checkbox"/> master	Remove
		18fc757fba5f45f39f91c348dc694c4c	vm-adsy-caasp-master-02.adfinis-int.ch	<input checked="" type="checkbox"/> master	Remove
		eb9b944a76d643109c587cf722162763	vm-adsy-caasp-master-03.adfinis-int.ch	<input checked="" type="checkbox"/> master	Remove
		88d811832d214b97984da496271b6ec6	vm-adsy-caasp-worker-01.adfinis-int.ch	<input type="checkbox"/> worker	Remove
		2f0d388e79894505ab09b5b936d87a5c	vm-adsy-caasp-worker-02.adfinis-int.ch	<input type="checkbox"/> worker	Remove

Feel Free to Contact Us

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