Splunk® Enterprise
Distributed Search 8.0.4

Remove a cluster member

Generated: 6/09/2020 1:49 am
Remove a cluster member

To remove a member from a cluster, run the `splunk remove shcluster-member` command on any cluster member.

**Important:** You must use the procedure documented here to remove a member from the cluster. Do not just stop the member.

To disable a member so that you can then re-use the instance, you must also run the `splunk disable shcluster-config` command.

To rejoin the member to the cluster later, see Add a member that was previously removed from the cluster. The exact procedure depends on whether you merely removed the member from the cluster or both removed and disabled the member.

Remove the member

**Caution:** Do not stop the member before removing it from the cluster.

1. Remove the member.

   To run the `splunk remove` command on the member that you are removing, use this version:

   ```bash
   splunk remove shcluster-member
   ```

   To run the `splunk remove` command from another member, use this version:

   ```bash
   splunk remove shcluster-member -mgmt_uri <URI>:<management_port>
   ```

   Note the following:

   - `mgmt_uri` is the management URI of the member being removed from the cluster.

2. Stop the member.

   After removing the member, wait about two minutes for configurations to be updated across the cluster, and then stop the instance:

   ```bash
   splunk stop
   ```

   By stopping the instance, you prevent error messages about the removed member from appearing on the captain.

   By removing the instance from the search head cluster, you automatically remove it from the KV store. To confirm that this instance has been removed from the KV store, run `splunk show kvstore-status` on any remaining cluster member. The instance should not appear in the set of results. If it does appear, there might be problems with the health of your search head cluster.

Remove and disable the member

If you intend to keep the instance alive for use in some other capacity, you must disable it after you remove it:

**Caution:** Do not stop the member first.
1. Remove the member:

   splunk remove shcluster-member

2. Disable the member:

   splunk disable shcluster-config

3. Clean the KVStore:

   splunk clean kvstore --cluster

**Remove the member permanently**

You might need to remove a member permanently because it has gone down due to hardware failure or a power outage. To remove a member permanently from the cluster and the KV store, complete the following steps.

1. Run the following command from any other member:

   splunk remove shcluster-member -mgmt_uri <URI>:<management_port>

2. Wait for two minutes for configurations to update across the cluster.

3. Run both of the following commands to verify that you removed the member from the search head cluster as well as the KV store.

   splunk show shcluster-status
   splunk show kvstore-status