

Apache Cassandra Operational Procedures Review

Are you managing your own Apache Cassandra cluster? Then you most likely have a suite of Standard Operational Procedures (SOPs) and related assets in place, providing documented steps and detailed notes to perform the core operational tasks required to manage and monitor your cluster.

Your team may well have it all covered. Your processes and procedures could be aligned with best-practice. Wouldn't it be great to have an independent review to confirm that this is the case?

Instacluster has extensive experience managing thousands of Apache Cassandra clusters and can provide independent assurance that your procedures are sound, and where we find that they are not, we will provide guidance and recommendations for improvement. We can also help if you are starting from scratch.

Whatever the results of our review, you will be left with confidence that your operational Cassandra procedures are sound, in accordance with best practice and aligned with our extensive experience in managing clusters with the highest requirements of performance, reliability and availability.

Inclusions

- **Information gathering:** We collect information about your Cassandra cluster and all your existing SOPs and related documentation and assets.
- **Initial review:** Our team will perform an initial review of the provided information and may ask additional questions to provide us with a foundation for assessment and making recommendations where required.
- **Meeting:** After our team has completed their assessment, we will schedule a meeting and discuss our initial findings, and the next steps to take to improve the state of your SOP library.
- **SOP review and comment:** We will provide written review and comment on the existing SOPs and provide feedback and recommendations based on our experience managing Cassandra for different workloads, in different cluster topologies, and for different Cassandra versions. This work helps you identify any gap between your documentation, and our best practice recommendations, ensuring that you can safely operate your Cassandra cluster against the most common tasks.
- **SOP creation:** If some SOPs are missing from your library then we will write them for you against your Cassandra version and environment, using your current template, or creating one for you if you don't have one in place.

Outcomes

You will know that your SOPs are complete and easy to use, even under what can often be stressful situations. Our review, and the resulting suggested improvements, comes from our extensive experience in managing Apache Cassandra for the widest range of deployments, across all industries and all use-cases.

Standard SOP inclusions:

- ✓ Adding a node to a cluster
- ✓ Removing a node from a cluster
- ✓ Replacing a node in a cluster
- ✓ Adding a data center
- ✓ Removing a data center
- ✓ Reclaiming unused space
- ✓ Managing tombstones
- ✓ Updating Cassandra version
- ✓ Executing a backup
- ✓ Executing a restore

Cost

To find out the cost of this package, please contact our [sales team](#).