

cc. Emily
Hi <Customer name>,

On September 1, 2021, 4 new filters will be released that better help Pulsar make intelligent decisions when steering traffic. Two existing filters (Pulsar Sort and Pulsar Stabilize) will be deprecated by the end of September in favor of the new filters. To avoid Pulsar filter issues, **you must transition any existing Pulsar Sort or Pulsar Stabilize filters to use the new filters**, which are described below. You have three transition options, which are also described below.

This update provides filters that utilize performance and availability metrics for decision-making in your Filter Chain. These filters are more flexible than the current Pulsar Sort and Pulsar Stabilize filters in that they allow you to use performance and availability metrics in separate filters so that you can determine the order in which you want the filters to be executed.

What to expect from the new filters:

- **Pulsar Performance Sort:** Sorts by performance to route traffic to the best-performing answers
- **Pulsar Availability Sort:** Sorts by availability to route traffic to the answers that are most available
- **Pulsar Performance Stabilize:** Maintains the order of filters and removes any answers which do not meet the performance threshold that you have set above the best performing answer
- **Pulsar Availability Threshold:** Maintains the order of filters and removes any answers that do not meet the availability threshold that you have set

In favor of these simpler and more flexible performance and availability filters, the **Pulsar Sort** and **Pulsar Stabilize** filters will be deprecated by October 1, 2021.

In order to make this transition as seamless as possible, we have a few options available:

- **Transition with the assistance of NS1:** You can connect with us to set up a session to learn more about the new features, then transition to the new filters with our help. Reply to this ticket or reach out to your CSM to schedule.
- **Transition on your own:** You can explore the new filters and configure them on your own.
- **Automatically transition in one month:** Do nothing, and NS1 will automatically transition you to the new filters.

If you use Terraform, NS1 will provide the script to transition.

Additional resources:

- [FAQ](#)
- [Filter documentation](#)
- [Transitioning to the new filters](#)

Please let us know if you have any questions or concerns or would just like to share any feedback on this release.

Thanks,
Joe Gran