

# Node Outage Duration

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I'd like to propose the calculation and retention of a Node Outage Duration metric and also mask this using a Service Hours profile.

We currently use a SQL query to calculate Node Outage Durations based on the elapsed time between a Node Down event and the corresponding Node Up event. This requires us to retain a huge Event Log for a 90 day visibility.

Our minimum requirement would be for a table which contains Node ID, Node Down Event Timestamp, Node Up Event Timestamp and Outage Duration retained for 90 days. We've tried using the Hourly/Weekly/Daily availability stats to calculate crude outage durations but we can't mask out non-service hours without a timestamp.

Better still, if a Node (or parent Group) had a defined 'service hours' profile then different outage durations and availabilities could be calculated for SLA reporting purposes.

When a Node Detail view is displayed, a current or previous Service Hours vs. Total Outage Duration could be displayed.

In anticipation.