



HEAL

DOCUMENTATION

HEAL Software Inc.

Capacity Forecasting Benefits and Features

The Capacity Forecaster provides you with the ability to:

Conduct a trend analysis of transactions in an application, including a month-by-month growth trend at both cumulative and transaction-wise levels. This feature allows you to observe corresponding trends in breached metrics (in terms of anomaly count), enabling you to identify workload mixes or clusters causing maximum anomalies.

Generate a trend forecast report over a specified duration, calculating the growth trend for transactions within that duration.

Input transaction growth forecasts on a specific transaction mix and generate a detailed capacity forecast report on all relevant metrics.

Benefits of Capacity Forecasting

Capacity forecasting provides several key advantages, including:

Observing capacity trends that align with workload signatures. This insight allows you to pinpoint the precise workload mix causing maximum resource contention. For instance, a mix of high CPU Utilization, high memory utilization, and high I/O's. This feature assists you in planning for capacity based on the projected growth of this particular mix.

Reducing the number of issues arising from capacity breaches and lowering the costs of running a data center by optimizing currently over-provisioned services, through the capacity forecast report.

Generating a capacity forecast report to proactively plan infrastructure and configurations, thus helping prevent signals.