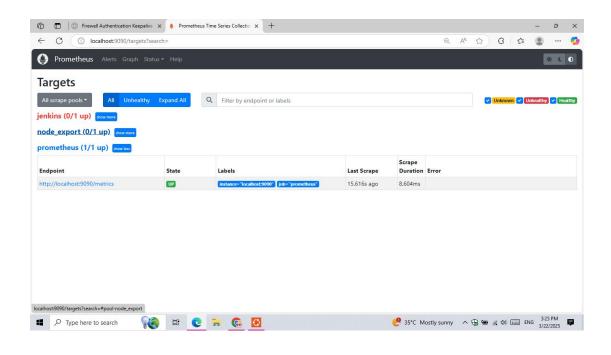
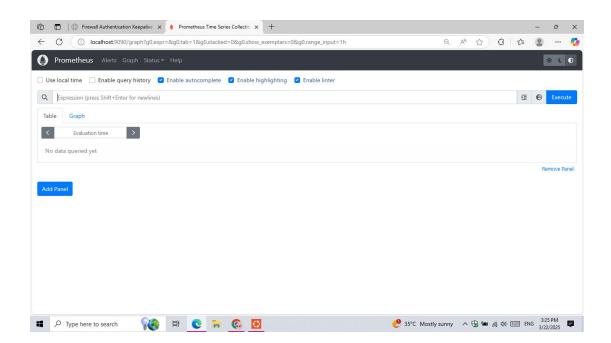
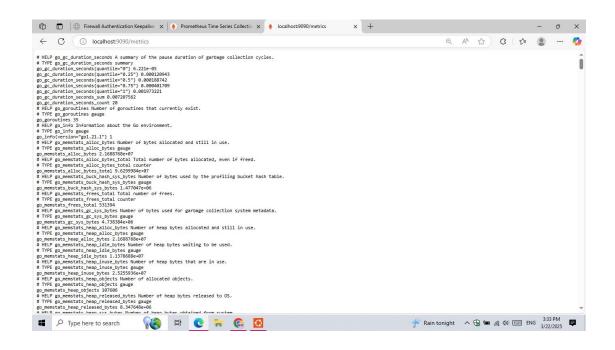
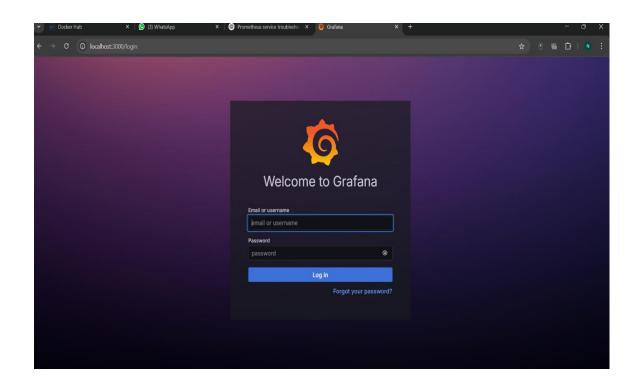
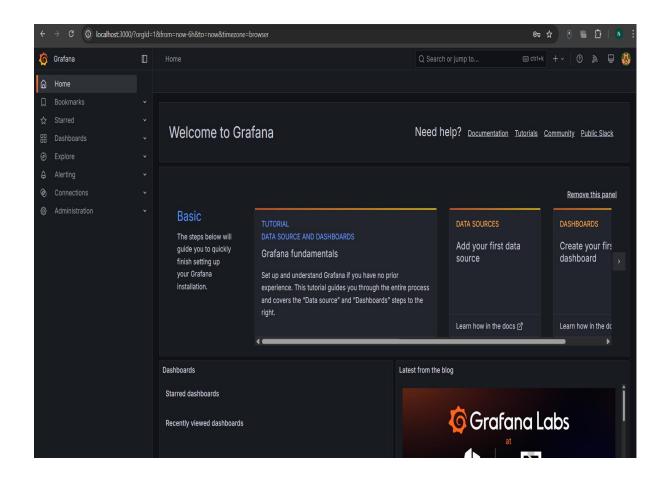
PROMETHEUS AND GRAFANA

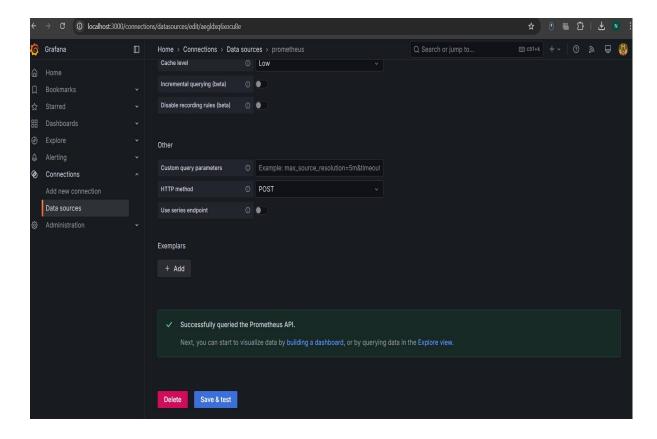


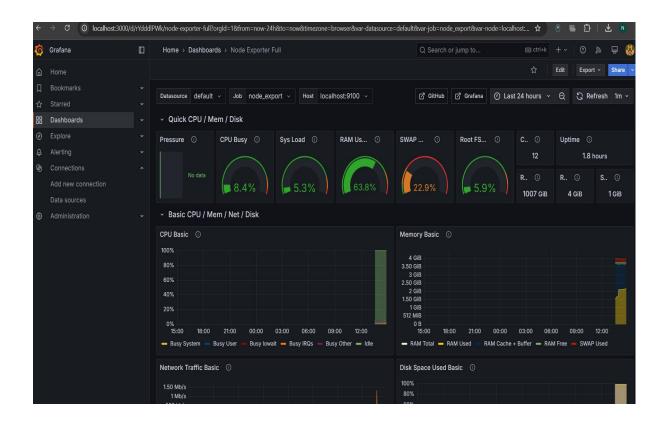


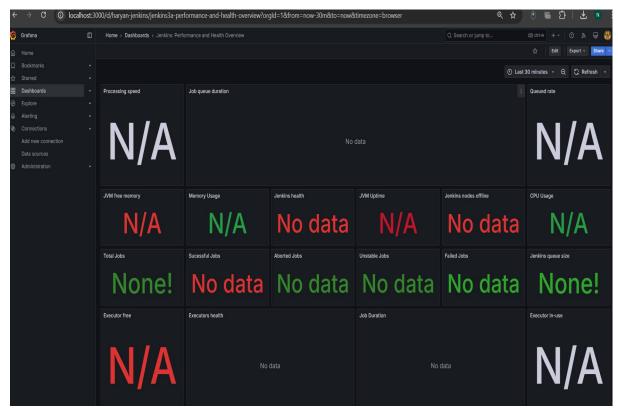


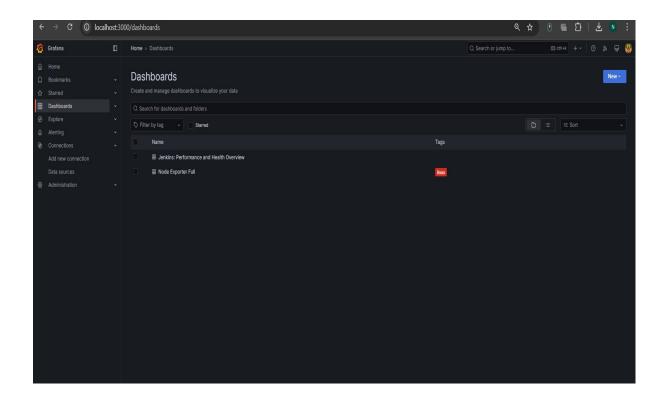


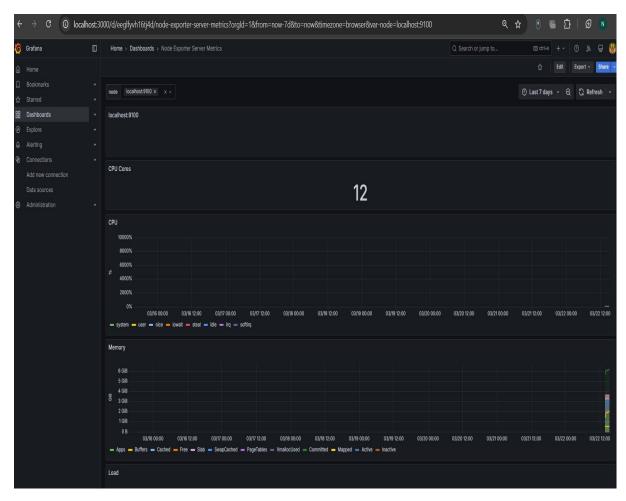


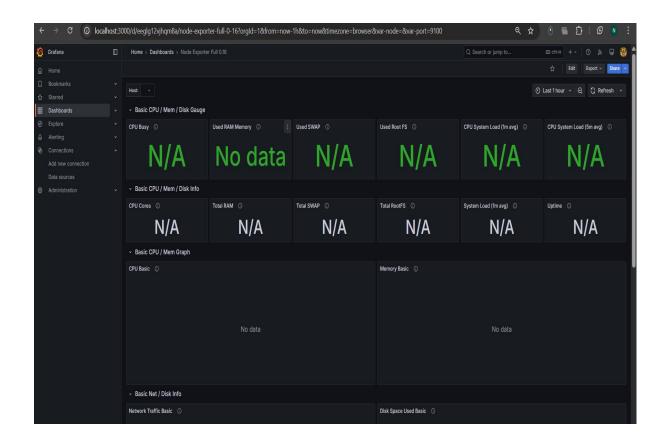


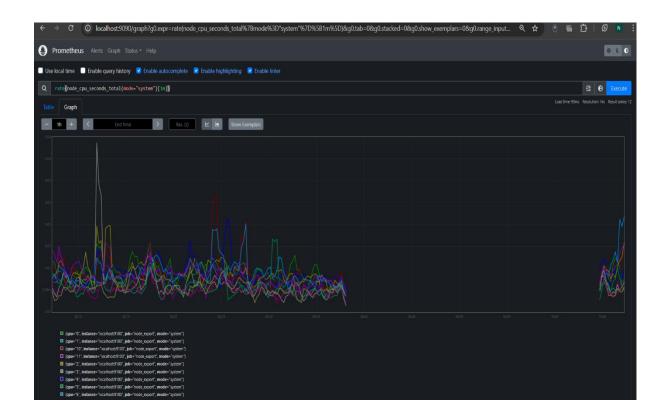


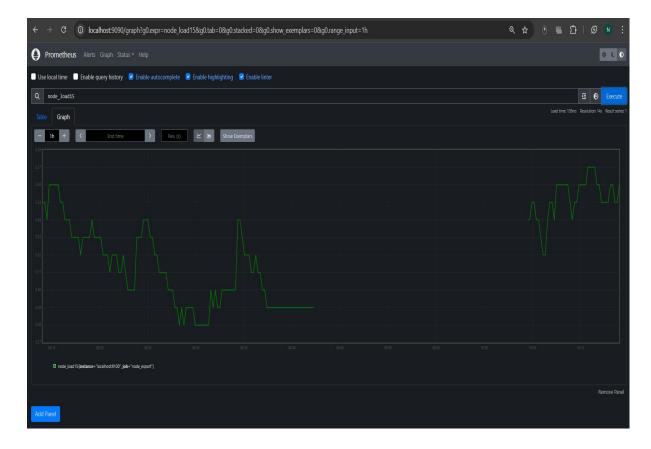












PROMETHEUS:

- Prometheus is an open-source system monitoring and alerting toolkit originally built at SoundCloud. It is now a standalone open source project. Prometheus joined the Cloud Native
- Computing Foundation in 2016 as the second hosted project, after Kubernetes.

FEATURES:

- 1. A multi-dimensional data model with time series data identified by metric name and key/value pairs
- 2. PromQL, a flexible query language to leverage this dimensionality
- 3. No reliance on distributed storage; single server nodes are autonomous
- 4. Time series collection happens via a pull model over HTTP
- 5. Pushing time series is supported via an intermediary gateway
- 6. Targets are discovered via service discovery or static configuration
- 7. Multiple modes of graphing and dashboarding support