

MONITORING SERVER AND STORAGE USING PROMETHEUS AND GRAFANA

PROJECT COORDINATOR

Mrs. A. SANGEETHA

Assistant Professor,
Information Technology,
PSNACET.

PROJECT GUIDE

Dr. A. VINCENT ANTONY KUMAR

Head of the Department,
Information Technology,
PSNACET.

SUBMITTED BY

A.Barani Dharan (921318205021)

M.Gunalan (921318205046)

J.Muthu kumar (921318205089)

ABSTRACT

For Organizations with huge data centers having a lot of servers hosting numerous applications, it is always a major problem to monitor if each of the servers is up and functional all the time. The problem is more acute during late night shifts when the usual number of network/systems engineers working is less. Usually, when organizations host the applications on their servers on behalf of their clients, they sign-up a service level agreement (SLA), specifying the allowed down time for each of the applications. Any lack of commitment on the part of the organizations in meeting the SLA could result in loss of business or legal action or both. So, it becomes very important for the organisations to know if a server is down or non-functional and take corrective action immediately. Unfortunately, for some less time critical applications, it is usually the client who informs that there is a problem with the server when he/she tries to logon to the application organisations would be very interested in knowing about these server failures immediately and take corrective action before the client starts complaining.

