NOC Monitoring

Use Case

Zones Innovation Center is a multidisciplinary and collaborative technology environment that helps transform business use cases into working prototypes. Leveraging technology expertise, OEM alliances, and scalable technology platforms Zones assists businesses in simplifying and accelerating their digital journeys. This use case showcases 'Network Operations Center Monitoring' capabilities.

Solution Overview:

The monitoring space is overcrowded with the offerings available, which primarily work in silos and do a decent job of covering a specific niche. Our experience tool must be like Swiss army knife and should be trustworthy. The key aspects which need to be considered in network monitoring are visibility, capacity, and speed. The amount of traffic generated by management events in the network is huge, and the tool needs to stand the test of time. We use Zabbix Enterprise monitoring which has stood the test of time and has been extremely capable in delivering near-zero downtime for many deployments.

Zabbix is one of the best open-source tool which is geared to deliver enterprise needs of having a single pane of glass view of whole IT infrastructure stack. Zabbix provides its users with very flexible, intelligent threshold definition options. While a threshold for trigger may be as simple as "bigger than x," it is possible to use all power of supported functions and operators for statistical analysis of historical data. With trend prediction and machine learning capabilities.

Lab Video Overview:

In this lab video, you will get a walkthrough of Zabbix and how it has been deployed for monitoring our lab environment. The video also covers some of the customizations which we have developed to improve the overall scale and capabilities of the overall Zabbix rollout. Zabbix can also be used to centralize the console for NOC users.