

## 200.2 - Predict Future Resource Needs

### Weight: 2

Description: Candidates should be able to monitor resource usage to predict future resource needs.

### Key Knowledge Areas:

- Use monitoring and measurement tools to monitor IT infrastructure usage.
- Predict capacity break point of a configuration
- Observe growth rate of capacity usage
- Graph the trend of capacity usage
- Awareness of monitoring solutions such as Icinga2, Nagios, collectd, MRTG and Cacti

The following is a partial list of the used files, terms and utilities:

- diagnose
- predict growth
- resource exhaustion