

Alert Queries on Node-Exporter service

Service Alert:

- Alert if Node-Exporter goes down

```
up{job=~"node_.*"} == 0
```

- Alert if Node-Exporter goes down, with exclusion cases

```
up{job=~"node_.*",job!~"
node_100011|node_100033|node_100016|node_100024"} == 0
```

Alert wont be triggered if Node-Exporter in 10.0.0.11,10.0.0.33,10.0.0.16 , 10.0.0.24 goes down

Memory Alert:

- Alert if Memory usage of a VM goes beyond 90%

```
(1 - ((avg_over_time(node_memory_MemFree_bytes[1m]) + avg_over_time
(node_memory_Cached_bytes[1m]) + avg_over_time
(node_memory_Buffers_bytes[1m])) / avg_over_time
(node_memory_MemTotal_bytes[1m]))) * 100 >= 90
```

- Alert if Memory usage of a VM goes beyond 90% with Exclusion cases

```
(1 - ((avg_over_time(node_memory_MemFree_bytes{job!~"
node_1920127|node_1920117|node_1920114"}[1m]) + avg_over_time
(node_memory_Cached_bytes[1m]) + avg_over_time
(node_memory_Buffers_bytes[1m])) / avg_over_time
(node_memory_MemTotal_bytes[1m]))) * 100 >= 90
```

Boot Disk Alert:

Alert if Primary/Boot/OS Disk usage goes beyond 90%

- ```
(node_filesystem_size_bytes{fstype="xfs",mountpoint="/" } -
node_filesystem_free_bytes{fstype="xfs",mountpoint="/" }) /
node_filesystem_size_bytes{fstype="xfs",mountpoint="/" } * 100 => 90
```