# Prometheus Exporter

Grundinstallation für Monitoring mit Prometheus und Grafana.

Base Exporter:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter
```

Exporter for Apache Webserver:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-apache-exporter
```

Exporter for Mysql Datenbankserver:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-mysqld-exporter
```

Exporter for Redis Datenbankserver:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-redis-exporter
```

Exporter for IPMI:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-ipmi-exporter
```

Exporter for NGINX Webserver:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-nginx-exporter
```

Exporter for PostGRES Datenbankserver:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-postgres-exporter
```

Exporter for SNMP:

```
#!/bin/bash
apt-get install -y prometheus-node-exporter prometheus-process-exporter prometheus-snmp-exporter
```

# Default Ports

| | |
|---|---|
| Node Exporter | 9100 |
| MariaDB | 9101 |
| Redis | 9102 |
| Apache | 9103 |

# Firewall Regeln

**Einzelne Exporter**

## *Node Exporter*

```
iptables -A INPUT -p tcp -m tcp -s 209.16.144.27/32 --dport 9100 -j ACCEPT && iptables -A INPUT -p tcp -m tcp --dport 9100 -j DROP
```

## *MariaDB Exporter*

```
iptables -A INPUT -p tcp -m tcp -s 209.16.144.27/32 --dport 9101 -j ACCEPT && iptables -A INPUT -p tcp -m tcp --dport 9101 -j DROP
```

## *Redis Exporter*

```
iptables -A INPUT -p tcp -m tcp -s 209.16.144.27/32 --dport 9102 -j ACCEPT && iptables -A INPUT -p tcp -m tcp --dport 9102 -j DROP
```

## *Node+Redis+MariaDB Zusammen*

```
iptables -A INPUT -p tcp -m tcp -m multiport -s 209.16.144.27/32 -j ACCEPT --dports 9100,9101,9102 && iptables -A INPUT -p tcp -m tcp -m multiport -j DROP --dports 9100,9101,9102
```

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