

# PRTG Monitoring Script

## Add Service Account

```
useradd -m prtg
passwd prtg
```

## GRANT SQL Access to prtg User

```
psql -U postgres -d sbcedb
CREATE USER prtg WITH PASSWORD 'xxxxxxxxxxxxxxxx';
GRANT SELECT ON ALL TABLES IN SCHEMA public TO prtg;
GRANT EXECUTE ON ALL FUNCTIONS IN SCHEMA public TO prtg;
GRANT CONNECT ON DATABASE sbcedb to prtg;
```

## Create Script on SBC Server

```
vi /sbin/check_sbc.sh
```

### [check\\_sbc.sh](#)

```
#!/bin/bash
localnodeip=`ifconfig M2 |grep "inet "|sed -re 's/inet ([1].*)
netmask.*\/\1/g`
hainfo=`psql -d sbcedb -c "SELECT status FROM ha_info WHERE ha_ip =
'$(echo $localnodeip)';"|sed -re '3! d'|sed 's/^\./\1/'`
if [ $1 = "sipstatus" ]; then
    if [[ $hainfo == "Primary" ]]; then
        #echo "Is Primary"
        sipstatus=`psql -d sbcedb -c "select * from
sip_server_status_info WHERE NOT hb_status = 'UP';"|tail -n +3|head -n
-2`

        #echo $sipstatus
        if [[ -z "$sipstatus" ]]; then
            echo "All SIP Endpoints UP"
            exit 0
        else
            echo "SIP Status Error:"
            psql -d sbcedb -c "select
ip_address,transport_type, port,hb_status from sip_server_status_info
WHERE NOT hb_status = 'UP';"|tail -n +3|head -n -2
            exit 2
        fi
    else
        echo "Is not Primary SBC"
        exit 0
    fi
fi
```

```
elif [ $1 = "alarmstatus" ]; then
    alarms=`psql -d sbcedb -c "select * from alarms;"|tail -n
+3|head -n -2`
    if [[ -z "$alarms" ]]; then
        echo "no pending Alarms"
        exit 0

    else
        echo "pending Alarms:"
        psql -d sbcedb -c "select
trap_severity_level,alarm_notes,alarm_timestampsecs from alarms;"|tail
-n +3|head -n -2|sed -re 's/(.*)*\|(.*)\|.*([0-9]{10}).*/echo
"Serverity: \1 Alarmtext: \2 Date: `date -d @\3`"/e'
        exit 2
    fi

elif [ $1 = "hastatus" ]; then
    if [[ $hainfo == "Primary" || $hainfo == "Secondary" ]]; then
        echo "$hainfo SBC"
        exit 0
    elif [ -z "$hainfo" ]; then
        echo "Single SBC"
        exit 0
    else
        echo "HA-Status: SBC $hainfo"
        exit 2
    fi

else
    echo "No or wrong command suffix used. Possible options:
sipstatus, alarmstatus, hastatus"
fi
```

```
mkdir -p /var/prtg/scripts
ln -s /sbin/check_sbc.sh /var/prtg/scripts/check_sbc.sh
chown -R prtg /var/prtg
chown -R prtg.prtg /sbin/check_sbc.sh
chmod 755 /sbin/check_sbc.sh
```

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