

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 'xxxxxxxxxxxxxxxxxx';
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" || -z $localnodeip ]]; 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 -e "<prtgt>\n<result>"
            echo "<channel>SIP Endpoint Status</channel>"
            echo "<value>UP</value>"
            echo -e "</result>\n</prtgt>"
        else
            echo -e "<prtgt>"
            echo "<error>2</error>"
            echo "<text>`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`</text>"
            echo -e "</prtgt>"
        fi
    else
        else
```

```
        echo -e "<prtg>\n<result>"
        echo "<channel>Is not Primary SBC</channel>"
        echo "<value>UP</value>"
        echo -e "</result>\n</prtg>"
    fi

elif [ $1 = "alarmstatus" ]; then
    alarms=`psql -d sbcedb -c "select * from alarms;"|tail -n
+3|head -n -2`
    if [[ -z "$alarms" ]]; then
        echo -e "<prtg>\n<result>"
        echo "<channel>SBC Alarms</channel>"
        echo "<value>OK</value>"
        echo -e "</result>\n</prtg>"
    else
        echo -e "<prtg>"
        echo "<error>2</error>"
        echo -e "<text>\n"
        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'
        echo -e "</text>\n</prtg>"
    fi

elif [ $1 = "hastatus" ]; then
    if [[ $hainfo == "Primary" || $hainfo == "Secondary" ]]; then
        echo -e "<prtg>\n<result>"
        echo "<channel>HA Status</channel>"
        echo "<text>$hainfo</text>"
        echo "<value>$hainfo</value>"
        echo -e "</result>\n</prtg>"

    elif [ -z "$nodeip" ]; then
        echo -e "<prtg>\n<result>"
        echo "<channel>HA Status</channel>"
        echo "<value>NO HA</value>"
        echo -e "</result>\n</prtg>"

    else
        exit 0
    fi

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

```
mkdir -p /var/prtg/scriptsxml
ln -s /sbin/check_sbc.sh /var/prtg/scriptsxml/check_sbc.sh
chown -R prtg /var/prtg
```

```
chown -R prtg.prtg /sbin/check_sbc.sh  
chmod 755 /sbin/check_sbc.sh
```

-----\ Testing:

```
su - prtg  
/var/prtg/scriptsxml/check_sbc.sh alarmstatus  
/var/prtg/scriptsxml/check_sbc.sh sipstatus  
/var/prtg/scriptsxml/check_sbc.sh hastatus
```

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