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 'xxxxxxxxxxxxxxx';
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/^.//'`
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 "<prtg>\n<result>"
                        echo "<channel>SIP Endpoint Status</channel>"
                        echo "<value>UP</value>"
                        echo -e "</result>\n</prtg>"
                else
                        echo -e "<prtg>"
                        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 "</prtg>"
                fi

        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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