

SBC Monitoring and Notifications

Sangoma SBC supports error and event monitoring and reporting functionality.

Using the WebGUI Notification page, user can setup reporting based on

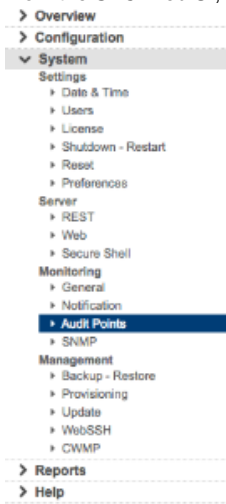
- Threshold based events
- Error events
- Capacity events
- Audio quality events

Events are delivered via

- Email

1. Configuring Monitoring:

1. From the SBC Web UI, browse to the **System => Monitoring => Audit Points** page

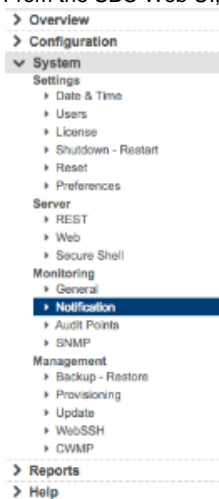


2. Enable Monitoring with specific thresholds on the Audit points you want to monitor and click save

System									
Load Average	Enable	Severity	Critical	1min 2.0	5min 1.0	15min 1.0			
CPU Usage %	Enable	Severity	Critical	1	5	System 75	Warn 75		
Memory Usage %	Enable	Severity	Critical	1	5	Linux 75			
File System Usage % (root)	Enable	Severity	Critical	1	5	Linux 75			
File System Usage % (var)	Enable	Severity	Critical	1	5	Linux 75			
RAD Status	Enable	Severity	Critical						
Network Interface 400 Status	Enable	Severity	Critical						
Network Session Controller									
Critical Messages	Enable	Severity	Critical						
Error Messages	Enable	Severity	Error						
Warning Messages	Enable	Severity	Error						
Core Dump	Enable	Severity	Critical						
Call Capacity %	Enable	Severity	Critical	1	5	Linux 50			
Trunk Availability %	Enable	Severity	Critical	1	5	Linux 50			
DSP Availability %	Enable	Severity	Critical	1	5	Linux 100			
High Availability									
Cluster Network Interfaces	Enable	Severity	Critical						
Cluster Resource Status	Enable	Severity	Critical						
Cluster Setup Synchronization	Enable	Severity	Critical						
RTCP Monitor									
Critical Messages	Enable	Severity	Critical						
Error Messages	Enable	Severity	Error						
Warning Messages	Enable	Severity	Error						
Call Quality	Enable	Severity	Critical	1	5	Packet Loss 0.5	RTT 50		
SIP Security Monitor									
Critical Messages	Enable	Severity	Critical						
Error Messages	Enable	Severity	Error						
Warning Messages	Enable	Severity	Error						
Media Firewall									
Critical Messages	Enable	Severity	Critical						
Error Messages	Enable	Severity	Error						
Warning Messages	Enable	Severity	Error						
Cluster Management									
Critical Messages	Enable	Severity	Critical						
Error Messages	Enable	Severity	Error						
Warning Messages	Enable	Severity	Error						
Services									
Network Session Controller	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
RTCP Monitor	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
SIP Security Monitor	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
Media Firewall	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
Web Server	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
SQL Server	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		
Monitor	Enable	Severity	Critical	1	5	Memory 75	Cpu 75		

2. Enabling Notifications

1. From the SBC Web UI, browse to the **System => Monitoring => Notifications** page



2. Click **Edit** in the Notifier section, Enable Notification and enter the settings of the SMTP mail server to use for sending the notifications

A screenshot of the 'Notifier' configuration page in the SBC Web UI. The page is titled 'Notifier' and has a sub-section for 'Email'. The 'Email Notification' toggle is set to 'Enable'. The 'SMTP Server Address' field contains 'test.com'. The 'SMTP Server Port' field contains '25'. The 'SMTP User' field contains 'admin'. The 'SMTP Password' field is masked with asterisks. There is a 'Show Warning Message When Email Notification is disabled' toggle set to 'Enable'. At the bottom of the form are 'Save' and 'Cancel' buttons.

3. Click on **Add** in the notification rules section and Select the following:
 1. The service to send notification for (Has to match one of the configured Audit Points services)
 2. The severity of the failure on the selected service that should trigger a notification
 3. The notification medium (email or report)
 4. SBC user to whom the notification should be sent (email address used to send the notification will be the configured SBC user email address).
4. Click on **Save**