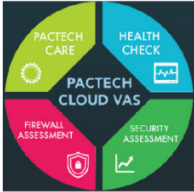


CNETMOS – Cloud Network Monitoring

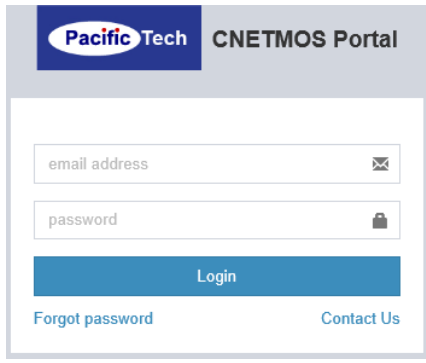
Pacific Tech’s CNETMOS is a Value-added-Service which provide remote monitoring and alerting services of your network devices. This service is provided as complimentary to all network firewall purchased through Pacific Tech Pte Ltd. With this service in place, customer will be alerted for any potential or possible problems that could interrupt their internet access. This ease-of-mind assurance service also helps customer in making capacity planning for their internet access.

CNETMOS service also provides customer access to CNETMOS personalized portal to view asset health status, alert, malware, attack trending as well as detail information of the malware/threat detected by your asset.

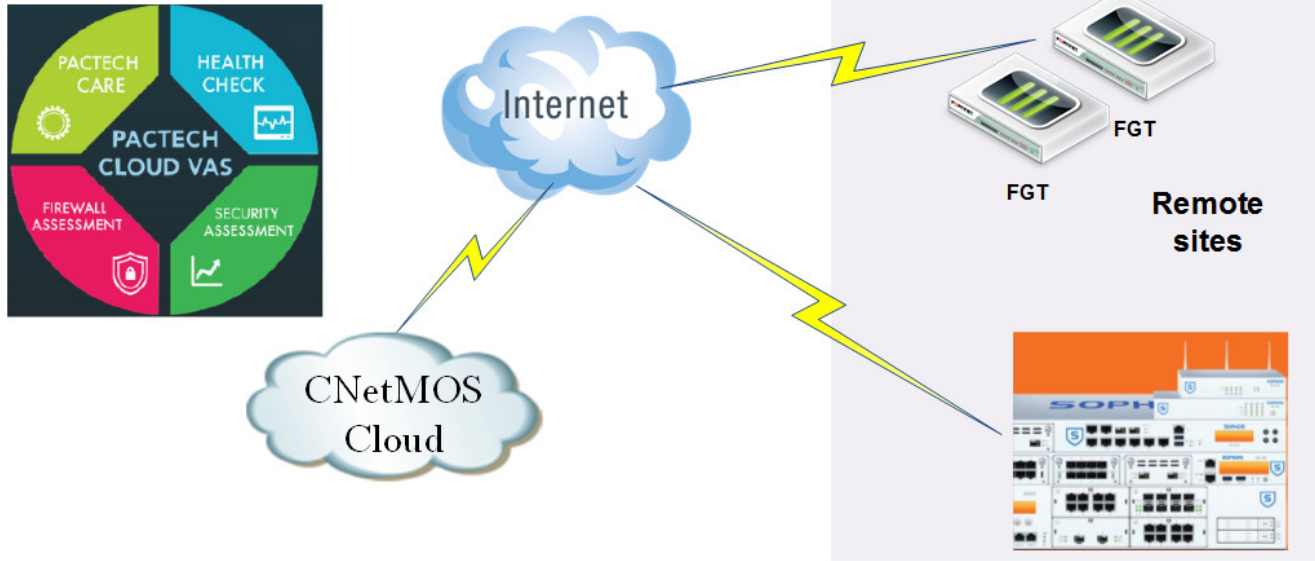


Service Features

- ❖ **Receive email alert for**
 - High CPU
 - High Memory
 - High WAN utilization
 - WAN link failure
- ❖ **Portal access to**
 - View Malware trend
 - View Intrusion Attack trend
 - View Device Alert trend
 - View Device Health Status
 - View Global Alert
 - View CNETMOS Threat briefing



CNETMOS – Cloud service architecture



SNMP Poll

CNETMOS Cloud Manager polls each monitored device via SNMP protocol every 5 minutes. For security reason, each monitored device are configured to only accept SNMP poll from the Cloud Manager IP Address.

CNETMOS Cloud Manager polls each monitored device for:

- CPU utilization
- Memory Utilization
- WAN port utilization
- WAN Port link status

CNETMOS Cloud Manager as SNMP trap receiver to receive monitored devices traps. * Monitored device support sending out of SNMP traps.

CNETMOS Action

CNETMOS triggers and email alert to subscriber’s IT Admin when the monitored device’s CPU, Memory, WAN port utilization exceeds threshold or when it’s monitored WAN port goes ‘down’.

The screenshot shows the 'Device Health status' dashboard for device 'HT_SG_AMK_FWF90D'. It displays 'Current Network Status' (Last updated: Mon Jul 10 22:44:09 SGT 2017) and 'Service Status Totals'. A red box highlights the 'Service Status Details For Host 'HT_SG_AMK_FWF90D'' table.

Host	Service	Status	Last Check	Duration	Attempt	Status Information
HT_SG_AMK_FWF90D	CPU Usage	OK	07-10-2017 22:42:47	3d 8h 21m 7s	1/5	SNMP OK - 0
	Memory Usage	OK	07-10-2017 22:39:25	42d 12h 1m 48s	1/5	SNMP OK - 57
	PING	OK	07-10-2017 22:34:50	20d 8h 58m 24s	1/5	PING OK - Packet loss = 0%
	wan2	OK	07-10-2017 22:41:11	24d 5h 11m 25s	1/5	SNMP OK - 1

Email Alert

The screenshot shows an email alert notification. The subject is 'C-NETMOS:: Pacific Tech SaleOffice FG100D is DOWN'. The body of the email contains the following information:

- This is a **PROBLEM** notice that Pacific Tech SaleOffice FG100D is DOWN!
- Host IP is 27.54.50.226
- Duration is 0d 0h 0m 0s
- Date/Time: Fri Jun 9 08:33:51 SGT 2017
- Summary: Total Unhandled Host Problems:2, Total Unhandled Service Problems:0
- Your C-NetMOS Support Team



CNETMOS Portal

CNETMOS Cloud Manager provides easy to use Portal for subscriber to view monitored devices for:

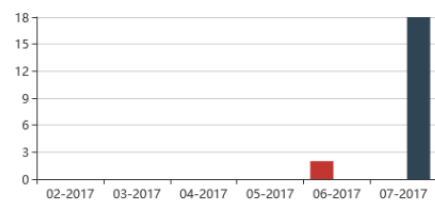
- ❖ Top Malware detected and trend
- ❖ Top Intrusion Attack detected and trend
- ❖ CNETMOS Threat brief
- ❖ Global Threat information
- ❖ Device Alert notifications

Please contact our Sales personnel to subscribe to this service or email us at sales@pacifictech.com.sg

Top 5 Malware Blocked (this month)



Monthly Malware Trend



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