

Seamless IT monitoring for not-for-profit organization



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A division of ZOHO corporation

(a short intro)



We are proud to announce that ZOHO corporation is celebrating 25 years!

https://www.zoho.com/25/



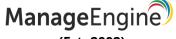




(Est. 1996)

Internet of things for your enterprise

- IoT Platform for connected enterprise applications.
- Customized IoT Solutions for energy, remote, and mobile asset management.
 - More than 25,000 multi-vendor network management



(Est. 2002)

Bringing IT together

Comprehensive IT management software for all your business needs.

- IT Service Management,
- IT Operations Management,
 - Endpoint Management
- Active Directory Management
 - IT Security
 - IT Analytics



(Est. 2005)

The Operating System

for Business

Zoho has everything businesses need to boost sales,

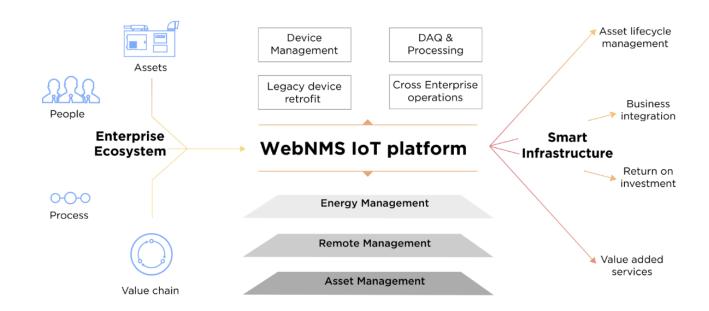
step up productivity, and manage all day-to-day activities.

- Tightly integrated.
- Ready for mobile





Award-winning enterprise NMS/EMS platform with over 1,000 deployments







The Operating System for Business

With its current suite, Zoho can replace at Marketing *least 400 different business products* Customer care Sales Finance Create Human (0) Resources Collaborate Communicate Custom apps and processes **Custom analytics**



IT Management Division of ZOHO Corp



Cloud & On-premises applications to manage IT Operations



IT service management

ITIL ready service desk
IT asset management with CMDB
Knowledge base with user self-service
Built-in and custom workflows
Orchestrate all IT management functions
Reporting and analytics
Service management for all departments

Unified endpoint management

Desktop management
Mobile device management
Patch management
OS and software deployment
Remote desktop support
Web browser security
Monitor & control peripheral devices
Endpoint privilege management and application control

IT security management

Unified SIEM for cloud and on-premises
Al driven user and entity behavior analytics
Firewall log analytics
SSH key and SSL certificate management
Endpoint device security
Data leakage prevention and risk assessment
Regulatory and privacy compliance

Manage Engine BRINGING IT TOGETHER



Available for

Enterprise IT

Managed service providers (MSPs)

as

Self hosted on-premises
Self hosted in public cloud (AWS, Azure)
Cloud (SaaS)

Identity & access management

Identity governance and administration
Privileged identity and access management
AD and Azure AD management and auditing
SSO for on-premises and cloud apps with MFA
Password self-service and sync
Office 365 & Exchange management and auditing
AD & Exchange -backup and recovery

IT operations management

Network, server and application performance monitoring Bandwidth monitoring with traffic analysis Network change & configuration management Application discovery & dependency mapping Cloud cost and infrastructure monitoring End user experience monitoring AlOps

Advanced IT analytics

Self-service IT analytics
Data visualization and business intelligence for IT
Hundreds of built-in reports and dashboards
Instant, flexible report creation
Out of the box support for multiple data sources



Contextually integrate





200,000+ Global Customers

30% annual growth 3 million users 190 countries 29 languages SMB to enterprise **60% Fortune 500**































































































































One of the first



Success Story



HQ & Regional Offices













Teams spread over 18 locations





Our extended arms



200+ Channel & Technology Partners across the globe

Asia Pacific Europe Africa Middle East North America Latin America



Our Data Centers





Data Center Certifications

US

Central Washington

SOC 1 TYPE II | SOC 2 TYPE II | HIPAA | PCI DSS

Dallas

SOC 1 TYPE II | SOC 2 TYPE II | SOC 3

Australia

Sydney

SOC 1 TYPE II | SOC 2 TYPE II | ISO 27001

Melbourne

SOC 1 TYPE II | SOC 2 TYPE II | ISO 27001

China

Shangai

ISO 27001 | ISO 22301 | CNAS

Beijing

ISO 9001 | ISO 22301 | ISO 27001

India

Chennai

ISO 27001

Mumbai

ISO 27001 | ANSI/TIA ISO 20000-1:2011 | SOC 1 TYPE II | SOC 2 TYPE II

Europe

Amsterdam

ISO 27001 | ISO 22301

Dublin

ISO 9001 | ISO 27001



Datacenter Security

Encryption at rest

Role-based access controls

Encryption in transit

Logging, auditing and monitoring features

✓ Single-sign on

Features to enhance privacy of personal data

Multi-factor Authentication

Organizational security

Operational security

Physical security

Incident management

Infrastructure security

Responsible disclosures

Data security

Vendor management

Identity and access control

Customer controls for security

Digital Technology in the NFP

Source: "Digital Technology in the not-for-profit sector" report published by Infoxchange, Connecting Up and TechSoup

Key findings







Only 30%

of not-for-profits already had all the systems and software needed for staff to work from home during COVID-19.



of not-for-profits are less than satisfied with the way they use technology. 49%

of not-for-profit staff are less than confident using technology and information systems.







46%

of not-for-profits do not have ways of actively monitoring information security and cyber risks.

41%

of not-for-profits said improving their website is a top priority.

52%

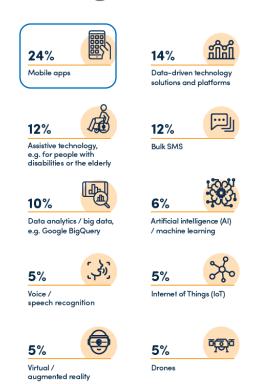
of not-for-profits are using at least one type of new or emerging technology.





Top 10 new or emerging technologies







Online presence

Donations



43% of not-for-profits collect donations online

Donations are collected through:

	_	
Direct websi	te e-commerce	43%
External fund	draising platform	32%
PayPal		31%
Facebook		9%
Other		16%

Digital marketing

Not-for-profits use:		
In-house design tools e.g. Canva and Adobe Creative Suite	34%	
Social media paid advertising	33%	
Search engine optimisation (SEO)	23%	
Marketing / email automation	21%	
Google for Nonprofits program inc. free Google Ads	20%	

Reporting

43%
of not-for-profits
regularly track
and report back to
management on the
performance of their
online presence



Not-for-profits who have moved or plan to move to the cloud*

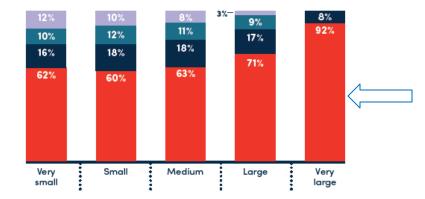
Already moved or in the process

Plan to move within the next two years

We do not plan to move

We do not know if we will move

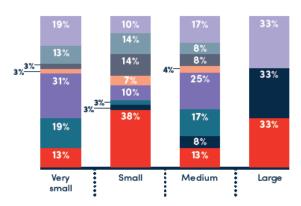
*Does not include respondents who said
other or *don't know*



Cloud Adoption

Key reasons for not moving to the cloud

- Data security or data privacy concerns
- Recently invested in our own IT infrastructure
- Don't know enough about the Cloud
- Don't see it as a priority
- Expensive or insufficient internet connectivity
- Migration cost
- Lack of time
- Other





What is essential for NFP's?

- ✓ Improving Website & its performance is on top priority
- ✓ Monitoring the Online Donations are critical
- Reporting back to the management on performance of the online presence
- ✓ Streamlining the usage of new technologies like Mobile Apps
- ✓ Actively monitoring information security & cyber risks
- ✓ Deploying applications/systems that supports the new normal (WFH)
- ✓ Monitoring the Hybrid infrastructure to maintain availability & improve service performance
- ✓ Ensuring smooth transition to cloud without compromising security & availability/performance of the services



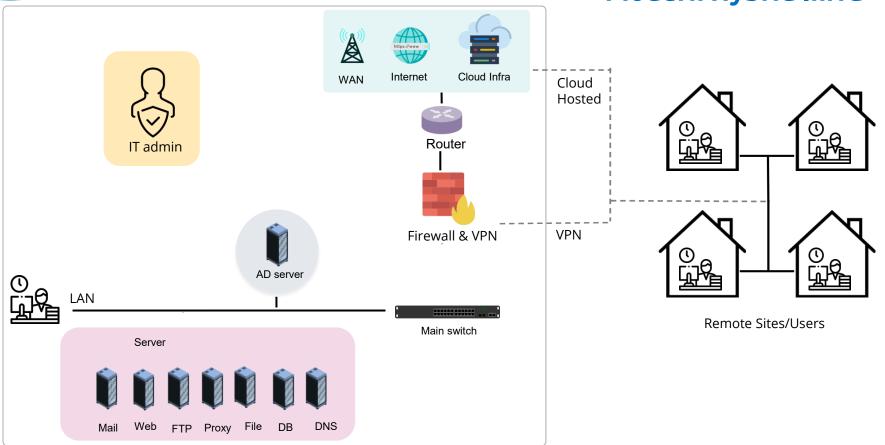


ManageEngine

Hybrid IT & Cloud Monitoring

Website | Application | Server | Network | Bandwidth | Configuration | Logs

Modern Hybrid Infra



the common IT problems,



Server crashes



Configuring dependencies



Event correlations



Slow applications



Unexpected downtimes



Troubleshooting



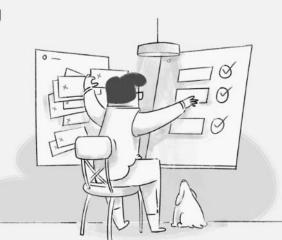


32%

of IT admins learn about performance issues from their users

Why is monitoring always a challenge?

- Applications are usually complex and dynamic
- Mix of technologies (servers, VMs, containers, cloud apps, big data, legacy apps, etc.)
- Many moving parts in the infrastructure: lack of visibility
- Measuring huge work loads handled by various applications

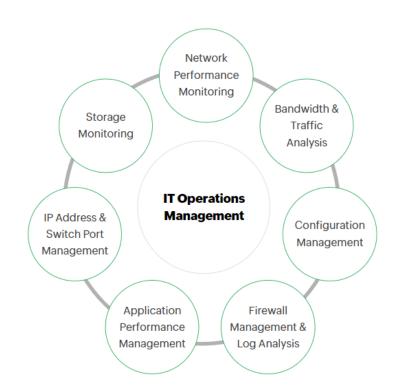


Solving these challenges with an integrated monitoring approach

Hybrid Monitoring



ManageEngine OpManager Plus





Heterogeneous Devices Support

Dashboard Inventory	Network Servers Virtualization Alarms Maps	Apps Workflow Settings	Reports
General Settings Discovery	Configuration Monitoring Notifications Tools NetF	low NCM Firewall OpUtils	
Configuration	Device Templates ③		Import Associate Add Templa
Groups	Name	Category	Devices Actions
Device Template	Windows	Desktop	<u>8</u>
Device Categories	Windows 2008 R2	Server	<u>8</u>
Custom Fields	Windows 2012 R2	Server	5
Vendor Template	Linux	Server	4
Interface Templates	Windows 2012	Server	3 ♠ 🛍
Device Downtime Schedules	ESXServer	Server	2 🕩 🛍
Alarm Escalation Rules	HP-Printer	Printer	2
Quick Configuration Wizard	3com 3226	Switch	1 • •
	3Com aDSLRouterVoDSLPorts	Switch	1 • •
	3Com brouter Platform	Switch	1 • •
	Cisco 2800 Series	Router	1 • •
	Cisco 2900 IS Series	Router	1 • •
	Fortigate Firewall	Firewall	1 • •
	HP Switch J8698A	Switch	1 • •
	Juniper-SRX650	Firewall	1 • 🗎



Agent-less Monitoring

SNMP v1/v2c

Configure SNMP port, read/write community details.

SNMP v3

Configure SNMP, credentials & encryption details for SNMP v3 devices.

Telnet/SSH

Configure prompt details, username & password for monitoring Linux/Unix devices.

Windows/WMI

Domain & credentials to connect with a Windows or Hyper-V device.

VMware

Provide vCenter/ESX credentials to monitor VMware environments.

Citrix

Configure credentials to monitor a Citrix Xen server environment.

Nutanix

Configure credentials to monitor Nutanix Cluster environment.

UCS

Provide UCS Manager's credentials, port & connection details.

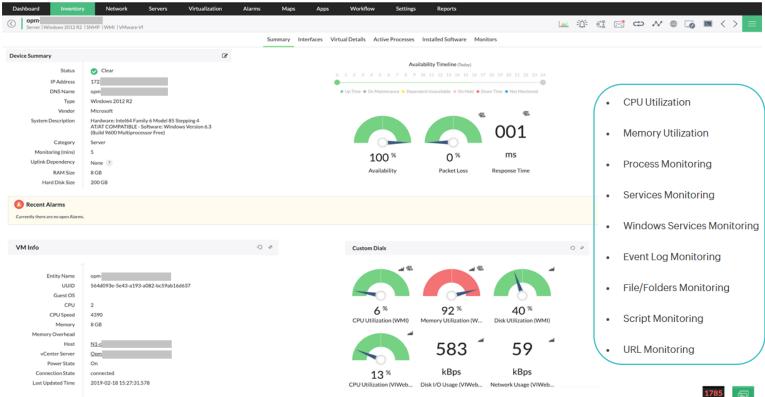
Backup

for taking Router/Switch backup and configuration change mgmt

Storage

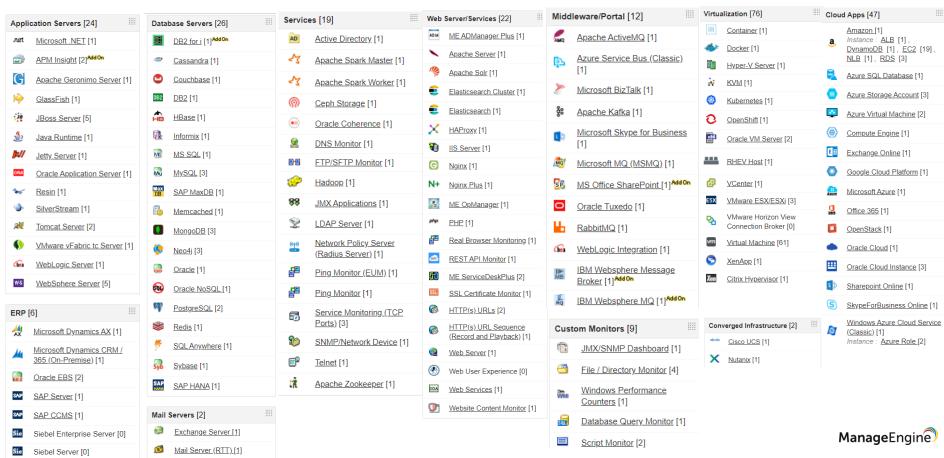
Configure SMI/NetApp/ SNMP/CLI credentials for monitoring storage devices.

Server Performance Monitoring

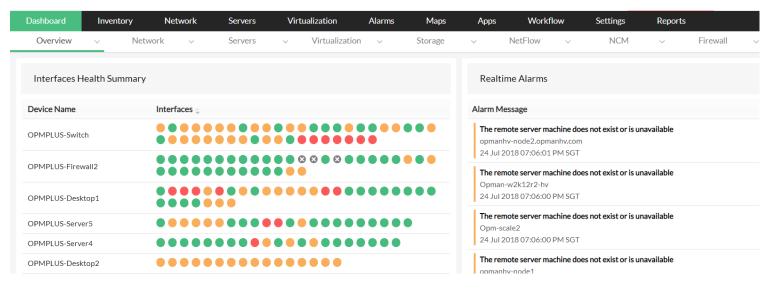




Application Performance Monitoring



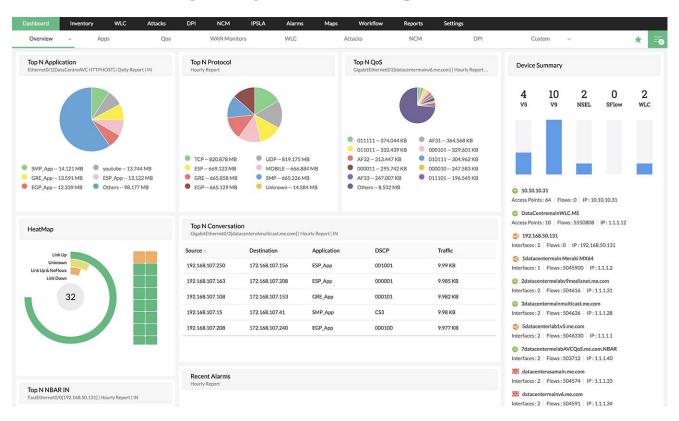
Network Performance Monitoring



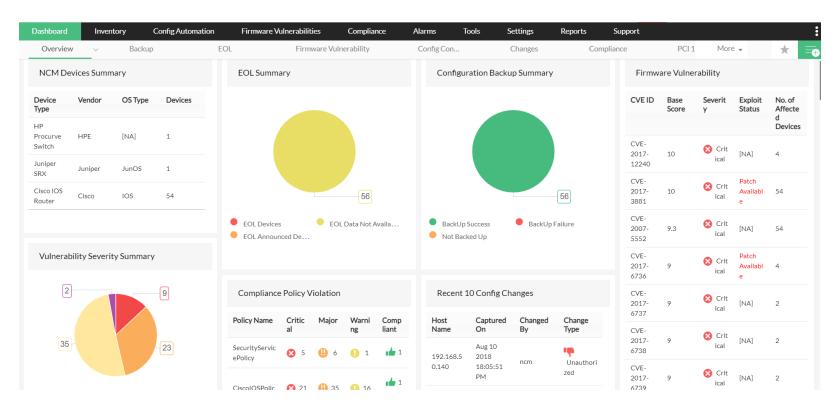




Bandwidth Capacity Monitoring

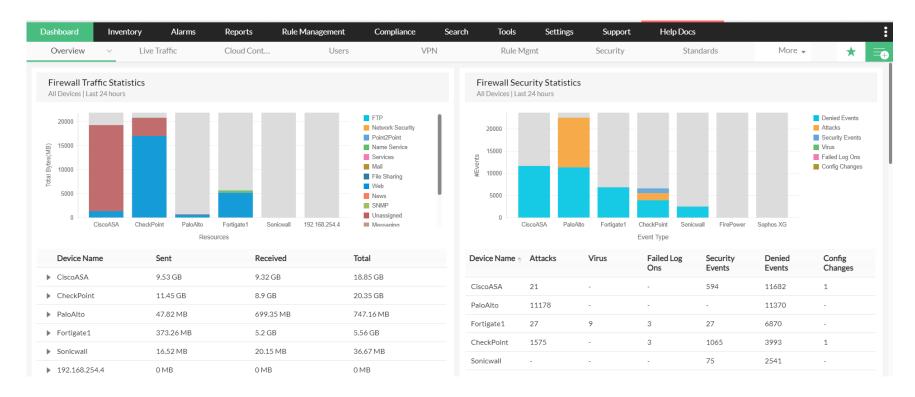


Network Configuration Management





Firewall Log Management



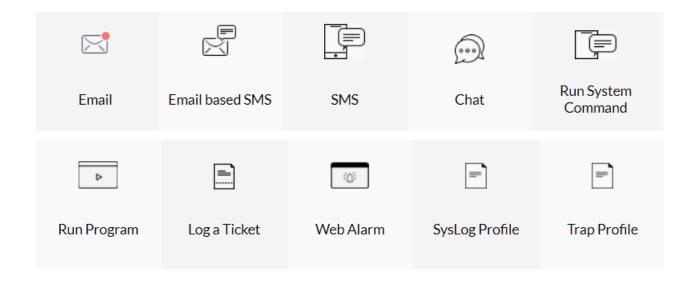


IP Address & Switch Port Management



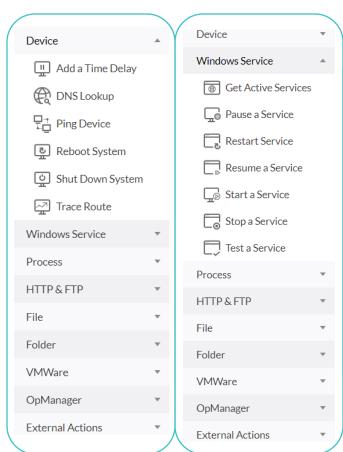


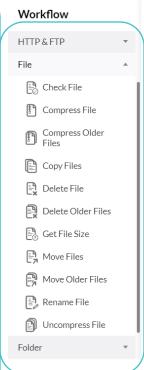
Alerts & Notifications



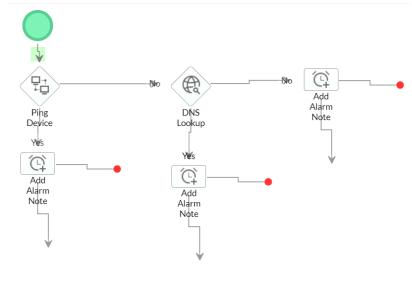


IT Workflow Automation

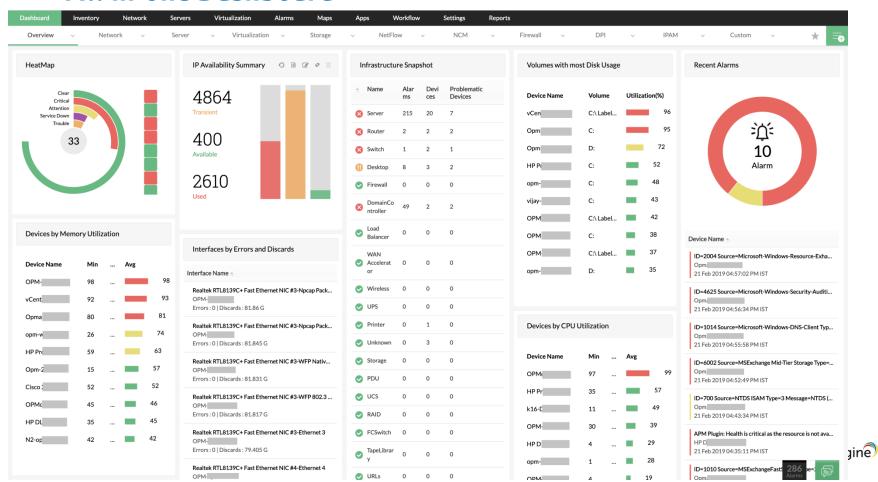




Instant Device Check...



All-in-one Dashboard



Advanced Reporting

OpManager	NetFlow	NCM	OpUtils	Firewall
□ System	Search Report	Hardware Inventory Report	Unused IP Addresses	Custom Report
Health and Performance	Report Profiles	Firmware Inventory	Reserved-Static IP Addresses	Firewall Reports
Availability and Response	Prorensics	Device Inventory	IP Usage Summary	Proxy Reports
Inventory	Consolidated Report	Network Health Status	OS Type Reports	VPN Reports
WAN RTT Monitors	☆ Compare Reports	Device Management Status	Switches by Usage	Policy Overview
■ VoIP Monitors	Frotocol Distribution	Device Audit	Switches by Scheduler	Policy Optimization
Virtual Servers Report	inventory Report	Startup-Running Conflict	Switches by Vendor Name	Rule Cleanup
Storage Reports	LAN WAN Report	Configuration Changes	Switch Ports by if Speed	Rule Reorder
Forecast Reports	Geolocation Report	Configuration Change Trend	Switch Ports by if Type	Rule Impact
Nutanix Reports	Billing	Configuration Change Annotation	Device with Virtual IP	🗓 Standard
((n)) WLC Reports	a Forecast	EOL/EOS Report	Stacked Port Details	
최 Meraki Reports	© Schedule	Compliance Report	♣ Administratively Disabled Ports	Security Audit
☆ My Favorites	■ WAAS Dashboard	Configuration Analysis Report	Port by Operation Status Last Change Time	Audit Logs
	■ WAAS Devices List	Security Audit Report	Connected IP Details	Config Backup
				Manage Engin

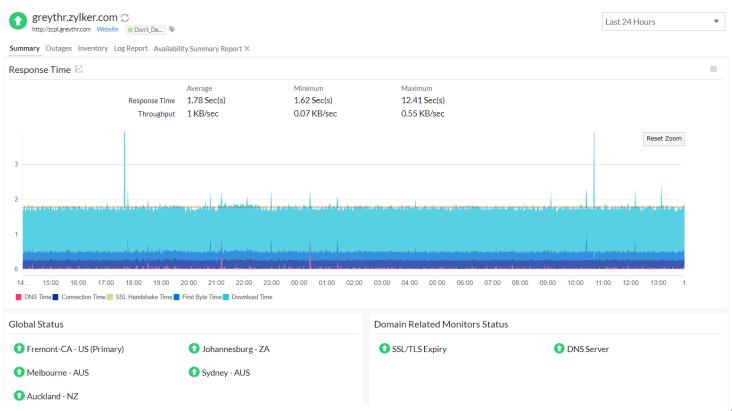


How about Websites, Mobile App & Cloud Monitoring?

Site24x7



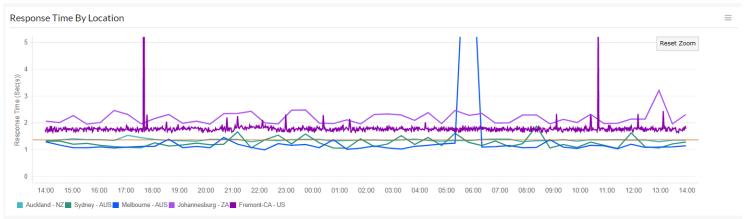
Website Performance Monitoring





Website Performance – Global Status

Location	Availability (%)	Down Duration	Downtimes	Last Downtime	Response Time (Se	Response Time (Sec(s))	
Fremont-CA - US	100	0 Mins 0 Secs	0	-	0.24 0.24	1.27	1.78
Johannesburg - ZA	99.887	1 Mins 37 Secs	1	Apr 15, 2021 5:49:27	0.3 0.26 0.26	1.33	2.18
Melbourne - AUS	100	0 Mins 0 Secs	0	-	0.0 0.14 0.14	0.99	1.35
Sydney - AUS	100	0 Mins 0 Secs	0	-	0.15 0.15 0.15	0.8	1.25
Auckland - NZ	100	0 Mins 0 Secs	0	-	0. 0.18 0.18	0.94	1.36

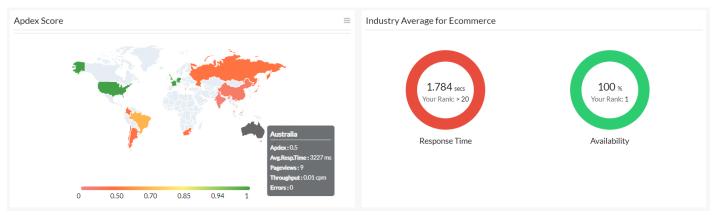


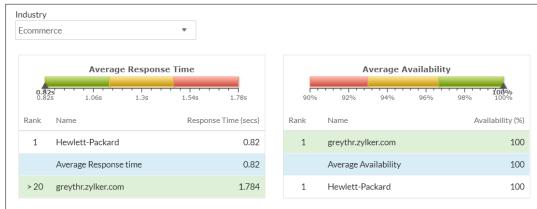


Monitor from 110+ Global Locations



Website Performance – Industry Average







Website Performance – Synthetic Transaction



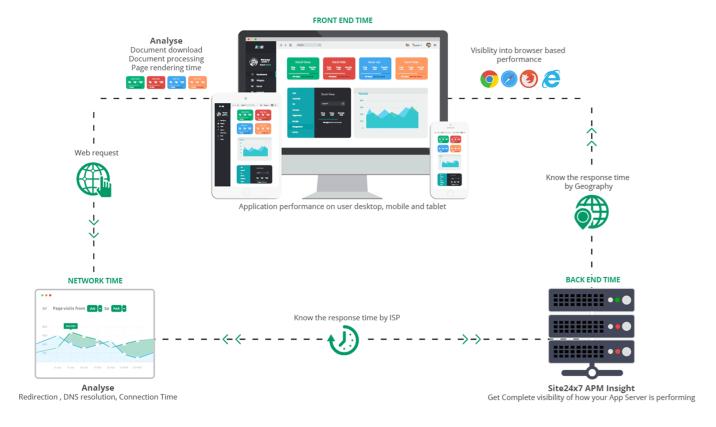
Step Details	
Step Name	Loading - http://www.vtitan.com/
Step URL	http://www.vtitan.com/
Page Load Time	-

View HTML

Page Load Time By Location							
Name	Singapore - SG	Amsterdam - NL	Johannesburg - ZA	Mumbai - IN	Sydney - AUS	Auckland - NZ	Bris
Step - 1 : Loading - http://www.vtitan.com/	5212	6754	10012	5790	5147	5359	513
Step - 2 : Click CORPORATE	5106	6262	8347	6207	5013	5130	508
Step - 3 : Click PRESS	5006	5382	5009	5112	4997	4997	499
Step - 4 : Click CONTACT	838	1816	2535	2199	939	1361	106



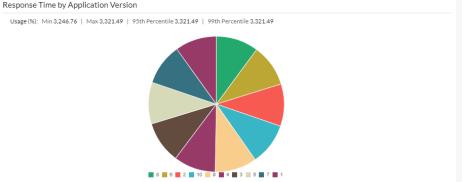
Al powered Real User Monitoring

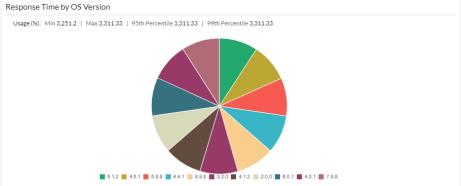


Tackle Mobile App Performance Issues



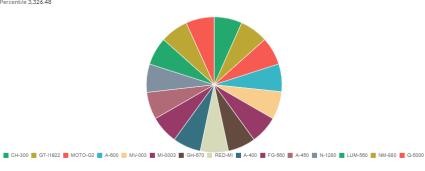
Admin Summary Transactions Geographic Device Type App Version Crash Analytics



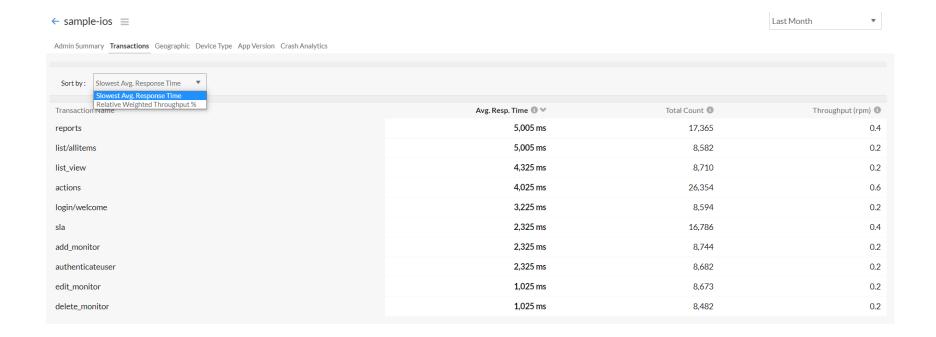


Response Time by Device

Usage (%): Min 3,199.34 | Max 3,326.48 | 95th Percentile 3,326.48 | 99th Percentile 3,326.48



Mobile App Transactions & Crash Analytics





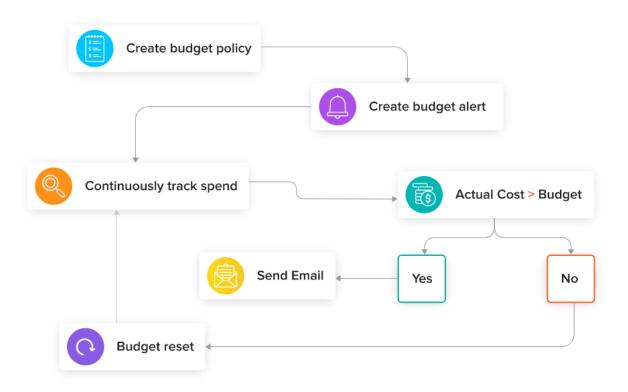
Cloud Monitoring



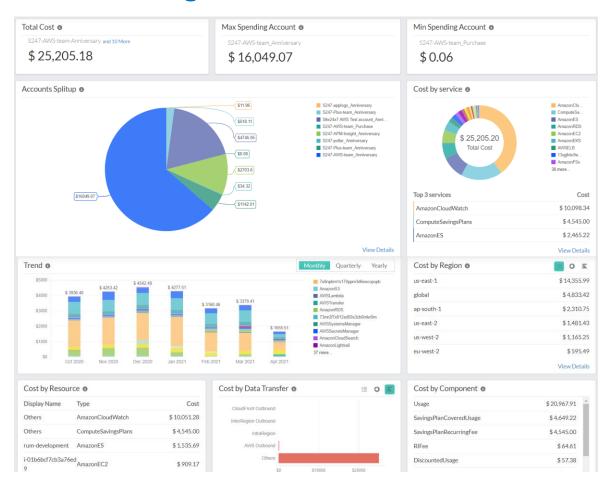




AWS Cost Control



AWS Cost Management





Synopsis – On Premise Solutions

ManageEngine OpManager

- ✓ Network Monitoring
- ✓ Server & VM Monitoring
- ✓ Storage Monitoring
- ✓ Maps & Business Views
- ✓ Alarms & Reports

ManageEngine OpUtils

- ✓ IP Address Management
- ✓ Switch Port Mapping
- ✓ Rogue Detection

ManageEngine NetFlow Analyzer

- Bandwidth Monitoring
- ✓ Traffic Analysis
- ✓ Security Analysis
- Voice, Video & Data Monitoring
- ✓ Capacity Planning & Billing

ManageEngine Firewall Analyzer

- ✓ Firewall Policy Management
- ✓ VPN & Proxy Server Monitoring
- ✓ Internet Activity Monitoring
- ✓ Log Analysis
- ✓ Compliance Management

ManageEngine Network Configuration Manager

- ✓ Configuration Management
- ✓ Change Management
- ✓ Compliance Management
- ✓ Automation
- ✓ Audit & Report

ManageEngine Applications Manager

- ✓ Application Server Monitoring
- Middleware Monitoring
- Database Monitoring
- ✓ Cloud & Container Monitoring
- ✓ Alarms & Reports



Synopsis – On Cloud Solution



Website

Website Performance Monitoring Real User Monitoring

Web Page Speed Monitoring

Synthetic Monitoring Monitoring Locations

Mail Server Monitoring

DNS Monitoring

Website Availability Monitoring

Web Application Monitoring

SSL Certificate Monitoring

FTP Monitoring

Monitor Internal Network

Public Status Pages REST API Monitoring

SOAP Monitoring

Server

Server Monitoring

VMware Monitoring

Windows Monitoring

Linux Monitoring Site24x7 Plugins

IIS Monitoring

SQL Monitoring

SharePoint Server
MS Exchange Server

Linux Syslog Monitoring

File and Directory Monitoring

Docker Monitoring

IT Automation

Cron Monitoring

Cloud

Cloud Monitoring AWS Monitoring Azure Monitorina

APM

Application Performance Monitoring

Java Performance Monitoring

.NET Performance Monitoring

Ruby Performance Monitoring

PHP Monitoring

Node.js Performance Monitoring

Real User Monitoring

Mobile Application Monitoring

End User Experience Monitoring

Application Monitoring

CloudSpend

Log Management

For MSPs/CSPs

IT Glossary

Network

Network Monitoring

Switch Monitoring

Router Monitoring
Firewall Monitoring

Load Balancer Monitoring

Network Fault Management

Cisco Monitoring

What is SNMP?

Network Device Vendors

Network Mapping

Free Tools

Find IP Address

Check Website Availability

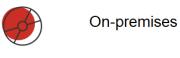
Analyze Webpage DNS Analysis

Find Location
Webpage Speed Test

Free AWS Designer Tool



Our Products Cloud/Hybrid Strategy





Cloud



Amazon Web Services



Microsoft Azure







Thank you

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ManageEngine

www.manageengine.com