LUMICS

LUMICS TECH-SHEET

Licensing

Free License:
» Ping (ICMP)
» HTTP URL Checks
» TCP port Checks

Base license Includes:
» SNMP Discovery/Polling
» WMI/WinRM Discovery Polling
» MySql/Mongo DB/Elastic Search polling
» IPAM
» Config Backups

Add on Licenses
+ Netflow license
+ API license

Discovery/Polling Technologies

SNMP
» V1,2c, 3
» 1 minute poll interval
» CPU/Memory utilization
» Network information
» Environmental status
» Power Supplies
» Fans
» Etc.

Ping
» Used by default on all devices
» Standard ICMP discovery
» 1 minute poll interval
» Packet loss
» Latency

WinRM/WMI
» CPU/Memory utilization
» Disk utilization
» Interfaces
» Services
» Start/Stop

Storage Stystems (NetApp, Pure Storage, etc.)
» Data aggregates
» Logical interfaces
» Disks
» Storage network ports
» Storage nodes
» Volumes
» Storage Virtual Machines (SVM)

Elastic Search

Mongo Device

HTTP URL Monitoring

TCP Port Check

F5
» VIP statistics
» Bandwidth usage
» Service checking
» Up/down status
» Pools
» Member up/down status
» Top pools by connection
» Certificate monitoring
» Expiration notification

VMWare Cluster
» vCenter API
» Compute Resources
» Datacenters
» Data Stores
» Folders
» Host Systems
» Networks
» Resource Pools
» Virtual Machines

Security

2FA
» Global policy or role based
» App, email, text
User roles
Password policy

API Integration

Meraki
VMware
Cisco
» Voice
» UCS
NetApp
Palo Alto *(near future)*
Pure Storage *(near future)*
New API integration upon request

Reporting

Scheduled
» Daily, weekly, monthly
Exportable
» Email, PDF attachment
Any or all widgets on your dashboard
 can become a customizable report
Any or all Dashboards created can become
 a customizable report
Predefined Reports
» Company Inventory Report
» Company Availability report

User Interface

Dashboards
» Shareable
» Customizable
Widgets (100's)
» Customizable
» Searchable
» Sortable
» Synchronized
Graphing
» Min/Max/Average
» NOT just the average
» Accurately see MAX and MIN data points
  real time and historical
Speed (rapid near real time)
» Rapid historical view
» On the fly time adjustments
» Changing the time frame adjusts
  all widgets accordingly
Visualization
» Geographic Location Map
» List all devices at a site
» Up/down status
» Network Map
» Logical (Layer 3) Map
» Subnet Searchable

NetFlow

Netflow license allows up to 5M flow records
 per day (3500/minute)
Default Netflow widgets include:
» Top Flow by Source
» Top Flow by Destination
» Top flow by Source to Destination
» Top flow by Port
» Top flow by Protocol
» Top flow by Destination
Add on module

Events

Integrate with your choice of products (slack, opsgenie, pagerduty)
Notification via text or phone call when an event starts or ends
Integrate with your helpdesk system to open a new ticket
Post to a slack channel
Use a webhook to post to splunk or other web bases services
Suppress events via maintenance schedules
Custom Events: Create custom events via:
» SNMP stats
» WMI/WinRM stats
» Disk utilization
» Interfaces
» Services
» Metric Stats
» Syslog Messages
» API Stats
Actions/Alerts
» Acknowledge events
» Slack
» Opsgenie, pagerduty
» Web hook
» Email
» Text

IPAM

IPv4 address management
Subnet scanning
Scheduled/Manual
Location/subnet management
DNS lookup on active IP addresses
Free IP address space percentage
Custom Organization

Syslog

100,000 syslog messages per day per base license
Searchable per device or global

Device config backups (telnet/SSH)

Cisco, F5, Dell, others
Compare (config diff)
Versioning (change repository)
» Review old configurations