About H5 Network

French Software Company since 2009

- 2011 : H5-700 10 Gig
- 2015 : Cyclic Capture-Rolling Buffer, new Range H5-App cc
- 2017 : Cloud applications based (O 365, One drive, etc…)
- 2018 : H5-800 40 gig
- 2020 : New H5-App cc - 63 to 308 TB

100+ Customers & 1000+ IT audits

- Thales Alenia Space, Airbus Defense and Space, Safran, CNES
- Decathlon, Generali, Sanofi, Club Méditerranée
- EDF, Cities and public companies, French Ministry of Defence, NATO
H5 Network – Targeted Business, Users, Topics…

Targeted Business
- Multi sites companies
- Managed WAN companies
- Business Applications hosted in Public Cloud
- Business Applications hosted in a DC
- IT Outsourced Enterprises

Users
- Operation executive
- Business Manager
- IT Manager
- Network Engineer

Topics
- VoIP deployment.
- Data Center consolidation or move.
- Virtualization and Server Consolidation.
- Implementing SLA’s.
- Upgrading links.
- Corporate mergers and acquisitions.
H5 Network Performance Intelligence Data Access

H5 Dock
Analytics Client

70 Metrics
In real Time

H5 Reporting
HTML5 Portal

Zabbix Integration

H5 Network Performance Intelligence Data Metrics
Integration Opportunity
Expand Zabbix with NPI Data

Usage

- NetFlow Like Volume Metrics
- Server Response Time Metrics
- Aggregated TCP, VoiP, RT, Metrics
- Per Flow TCP, VoiP, RT, Metrics
- Dynamic and Cyclic Packet capture

Zabbix

- Basic Element NPI
- Adv Element NPI
- Basic Flow NPI
- Adv Flow NPI

H5

Traffic Intelligence
& Trouble Shooting

SUMMIT ONLINE / 2020
H5 Network Zabbix Integration

Based on H5 SOAP Client
Download Network Traffic data from H5 appliance
Network Supervision Systems
Create Network Traffic Dashboards and Alerts for:
- Network objects: SaaS servers, Remote sites, etc.
- New Metrics/Items: Flow, Packet Loss, Network Delay, Response Time, etc.

Zabbix Integration

SUMMIT ONLINE / 2020
Augmented Zabbix Dashboards

Typical SNMP or Server Agent data enable efficient infrastructure Oriented Dashboard

H5 NPI data integration allow IT managers to:

- Increase existing Dashboards with Application or Real Time Flow data
- Build new Dashboards with flow data from external providers or unreachable locations.
Wan Capacity Planning Use Case

Capture Application flows from WAN Link Traffic.

Feed H5 NPI Reports and Analytics for WAN Trouble Shooting.

Feed Zabbix Dashboards for augmented WAN capacity Planning.
Cloud monitoring Use Case

Capture Application flows from Internet Link Traffic.

Feed H5 NPI Reports and Analytics for Cloud Applications Trouble Shooting.

Feed Zabbix Dashboards with Cloud Applications Monitoring Data.
Teams, Skype, Zoom, ToIP Monitoring Use Case

Capture Voice and Visio Real Time flows from WAN Link Traffic.

Feed H5 NPI Reports and Analytics for RT Flows Trouble Shooting.

Feed Zabbix Dashboards With RT Flows Monitoring Data.
AWS Use Case

Export AWS VPC Flow Logs from CloudWatch.

Feed H5 NPI Reports and Analytics for AWS Trouble Shooting.

Feed Zabbix Dashboards AWS Monitoring Data.
Thank You