



NetScaler Monitoring and Reporting: Who, What, Where, When?

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Topics

Quick Questions

Scenarios

In The Box

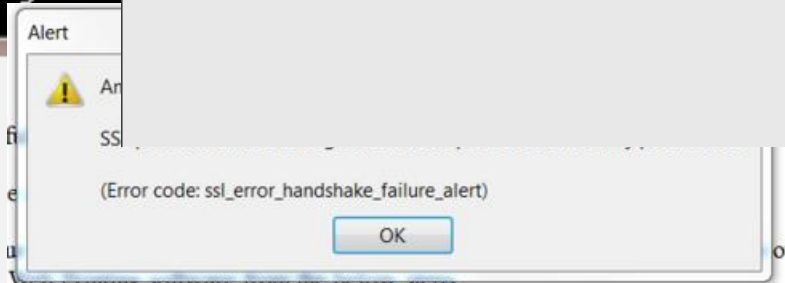
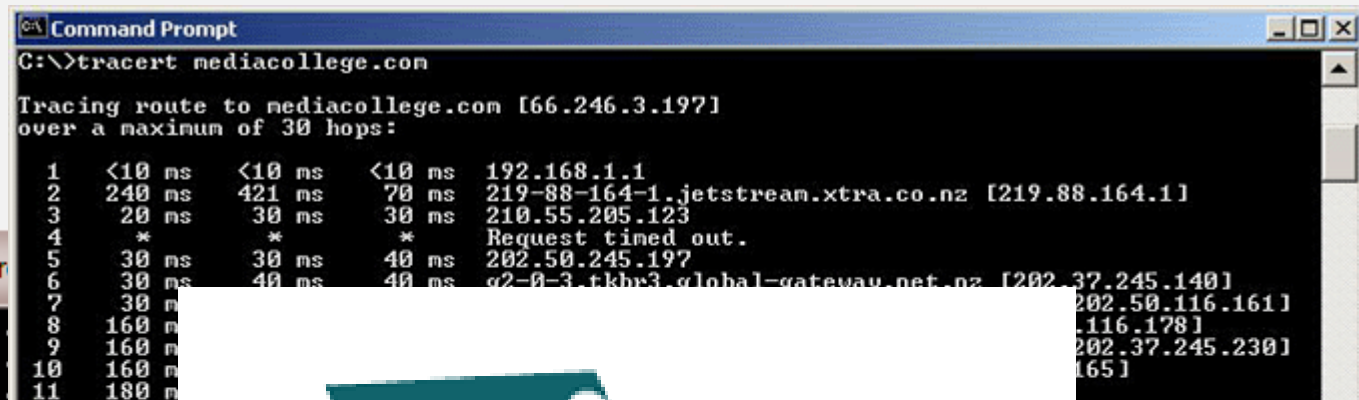
Outside The Box

Examples

Demos all around







What Can We Use?

- Core logging
- External logging
- Built-in troubleshooters
- Dashboards
- Command Center
- NetScaler Insight Center (*EdgeSight for NetScaler R.I.P.*)
- Any SNMP v2/3 Manager

In The Box

- Logs
 - dmesg.boot
 - nconmsg
 - nsumond
 - newslog
 - debug logs, HTTP logs, xml logs, etc.
- Visualizers
- Dashboards
- Built-in syslog GUI
- Reporting (much improved 😊)

Hints:

/var/nslogs (tail -f is your friend!)

CTX117392 – Netscaler log file formats

cat /tmp/aaad.debug

Getting the Data Out

- Exporting Logs & deciphering the data
 - Via the GUI & CLI
 - nsconmsg to Excel CTX122317
 - nsconmsg -K /var/nslog/newslog -d event
 - **Hint! Know you K's**
- CLI stat commands
 - stat <object / service> <-params> <name (optional)>
 - stat ns
 - stat gslb service
 - stat protocol tcp
 - Stat lb server –detail mylbserver
 - show cache stats, show ns stats
- Reports
- Dashboards

DEMO

Logging Outside the Box

- SNMP – On-Premise or SaaS *“what’s your version”*
- NSLOG/Syslog – Just the basics
- Web Logging – Web-type logging *“why and when”*
- AppFlow – decoder ring optional (NetFlow)
- Command Center – good all-around tool
- NetScaler Insight Center *(Disclaimer: Product naming guarantee limited to 24h)*
- 3rd Party Solutions – some really cool apps

DEMO

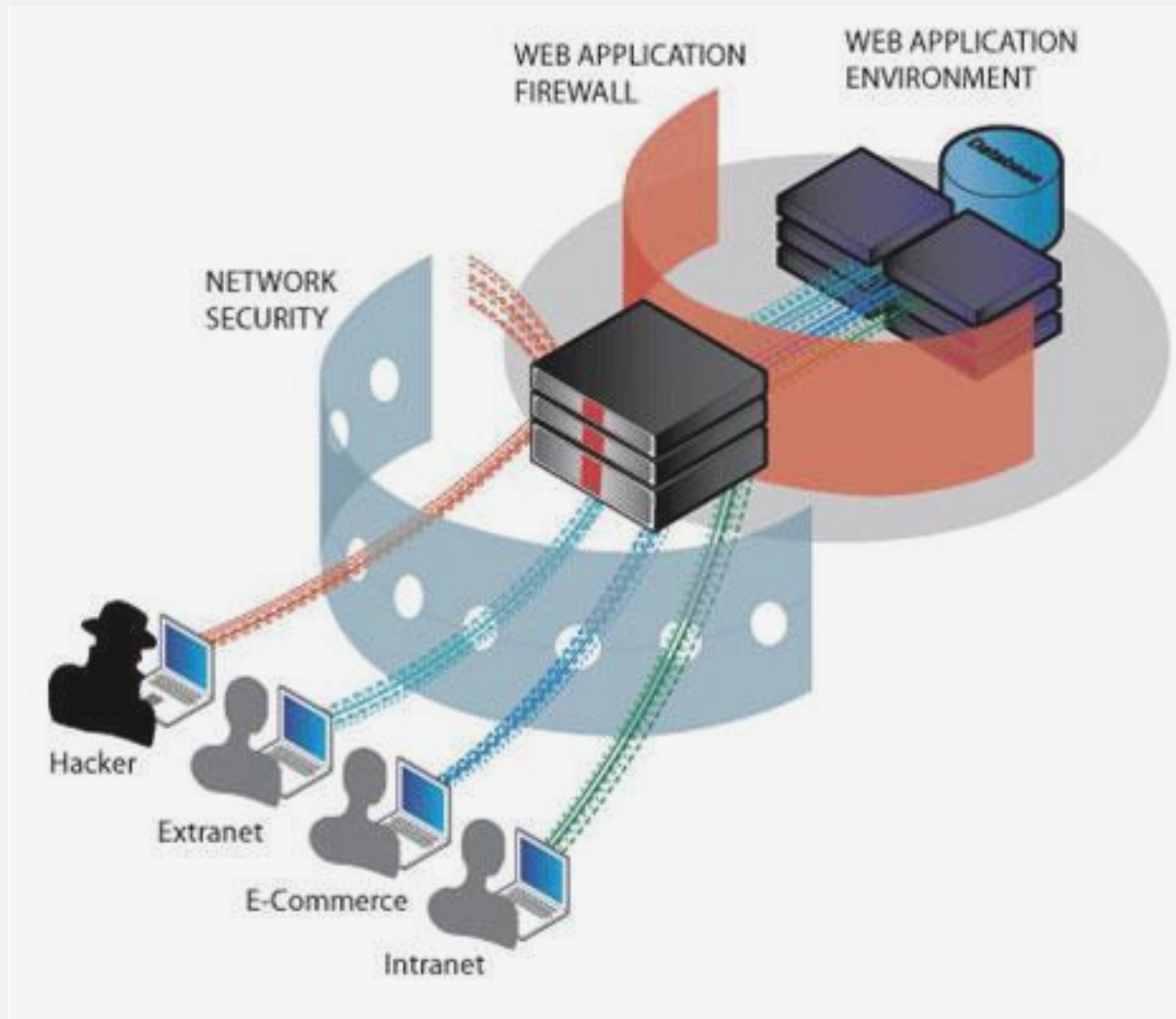
3rd Party Solutions & Helpers

- **Splunk App for NetScaler (way cool)**
- Solarwinds – Overall SNMP/Appflow/Syslog
- Kiwi – Simple/Cheap Syslog
- Loggly – SaaS SNMP
- LogicMonitor - SaaS SNMP
- **HyperThetical - Deep and wide**
- Plixer – AppFlow only
- ZenOS – On-premise or SaaS SNMP
- Nagios-based – any derivative SNMP
- SawMill – 900+ different log types
- ManageEngine – NetFlow Analyzer

A Few Scenarios

- App Firewall rules
- Common TCP Trace
- TCP Back Trace
- Surge Queue decipher <http://www.santaba.com/blog/archives/12>

Application Firewall



DEMO



Thank You!
Don't forget the Surveys