

Net and Application Monitoring



Good to know, what's going on...

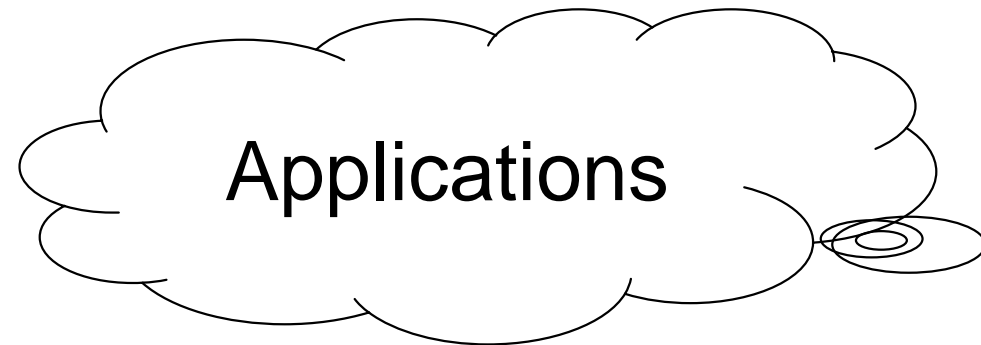
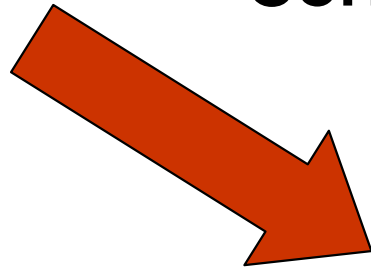
GEONetWatch: Introduction



GEONetWatch **monitors** your **applications**
You bring down your downtime costs



Monitoring:
Correctness and Performance



GEONetWatch: Introduction



Some examples for observable applications:

- Basic services: Email, FTP, simple Web, DNS, ...
- Web portals
- Individual software, application chains

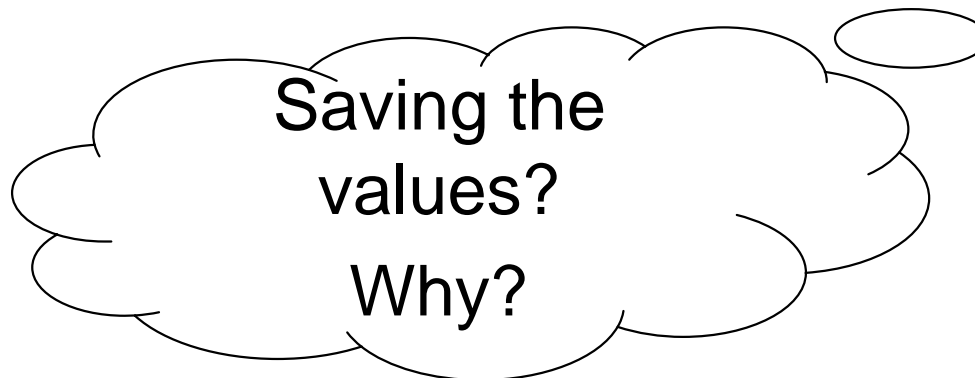


How does GEONetWatch work?



GEONetWatch does active monitoring!

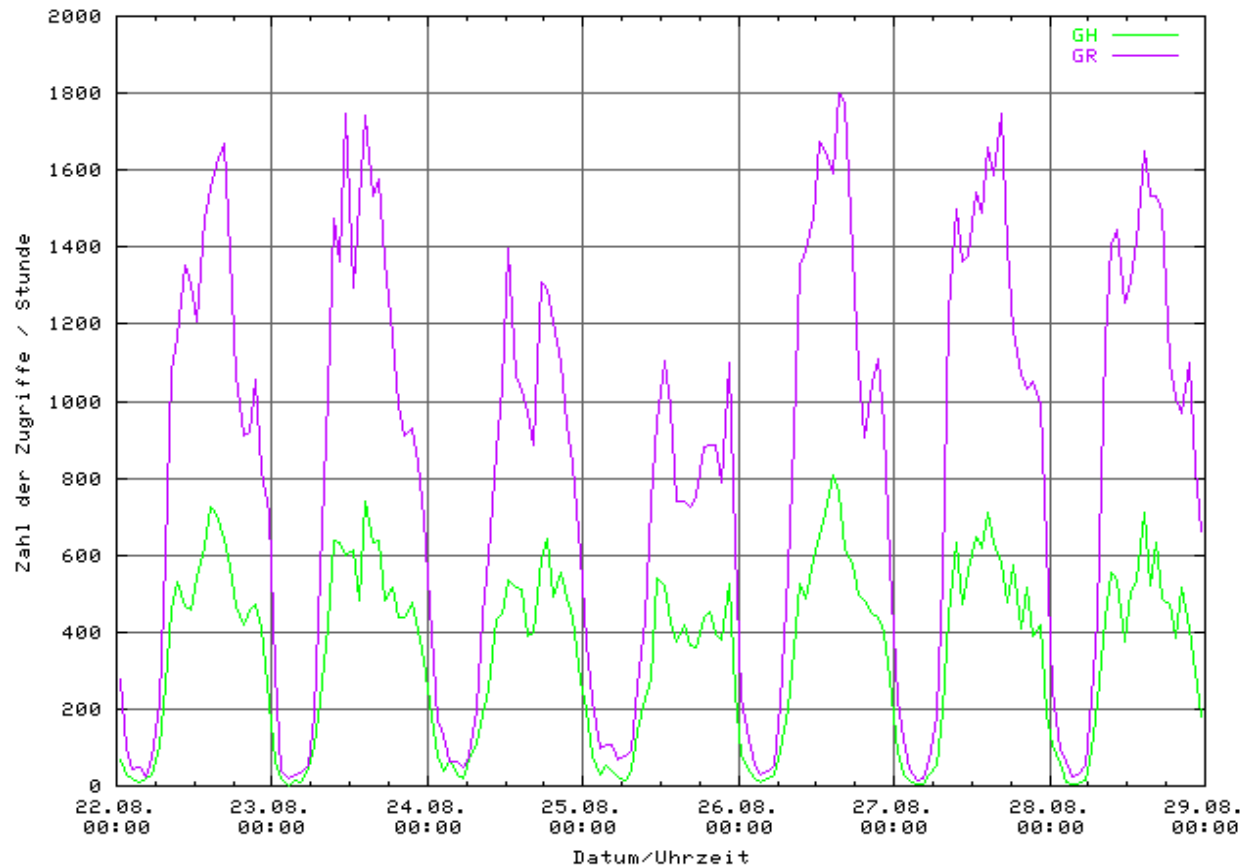
1. GEONetWatch logs on as a normal user,
2. „is doing something“ (start a request, get emails, download a webpage, ...),
3. Analyses the answer and the session parameter,
4. And **saves** all these values!!!!



How does GEONetWatch work?



GEONetWatch shows detailed reports and trends

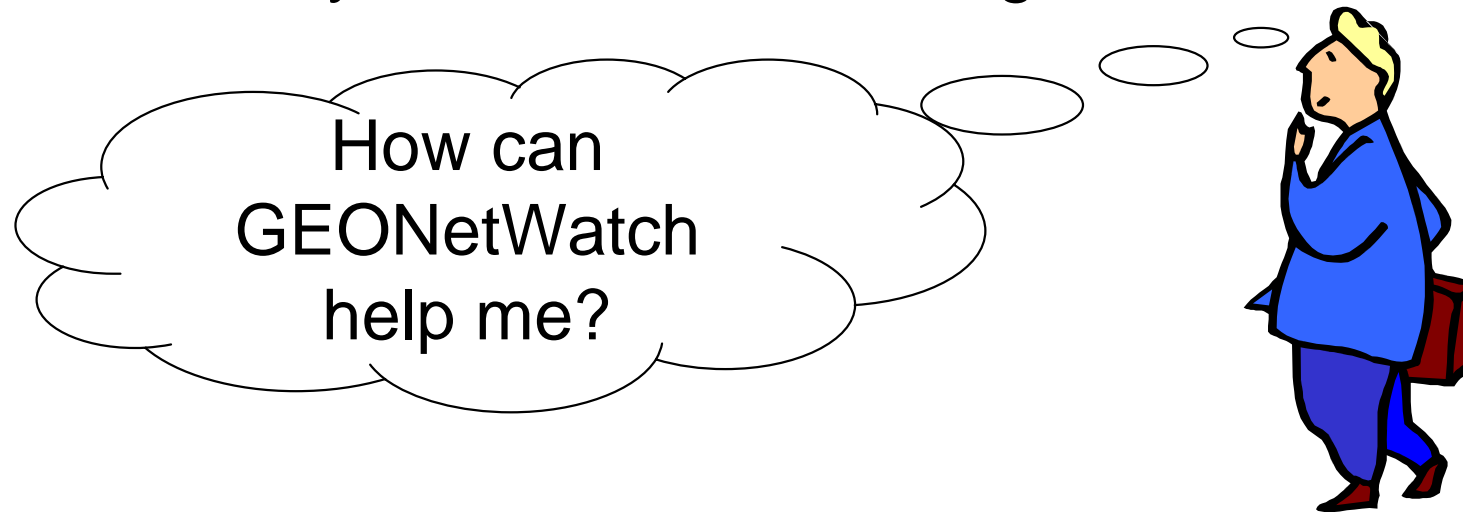


Monitoring and Alarming



Reasons for a Systemcrash:

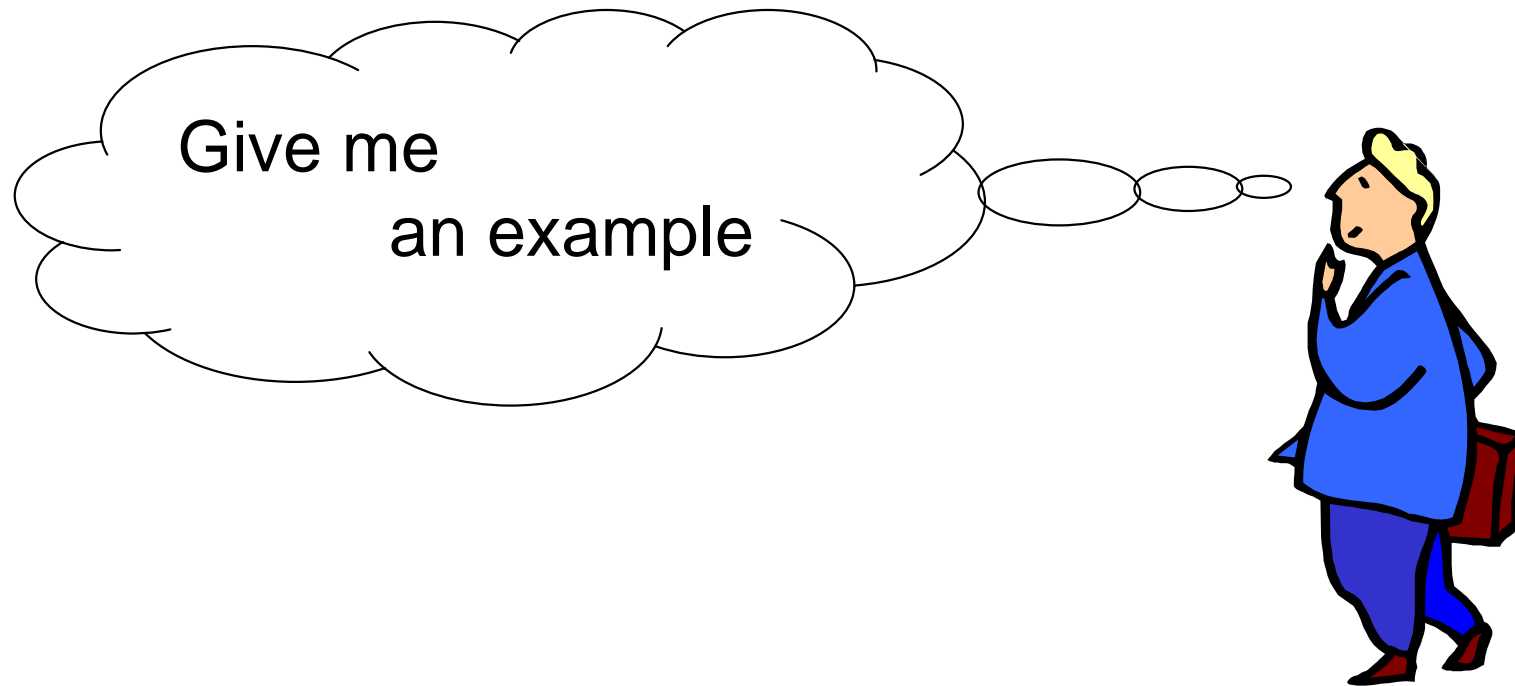
- CPU overheating through insufficient air condition,
- Head crash of a hard disk,
- Failure in some net appliances,
- Too much load and too less long time stability,
- All reasons you and me can't imagine



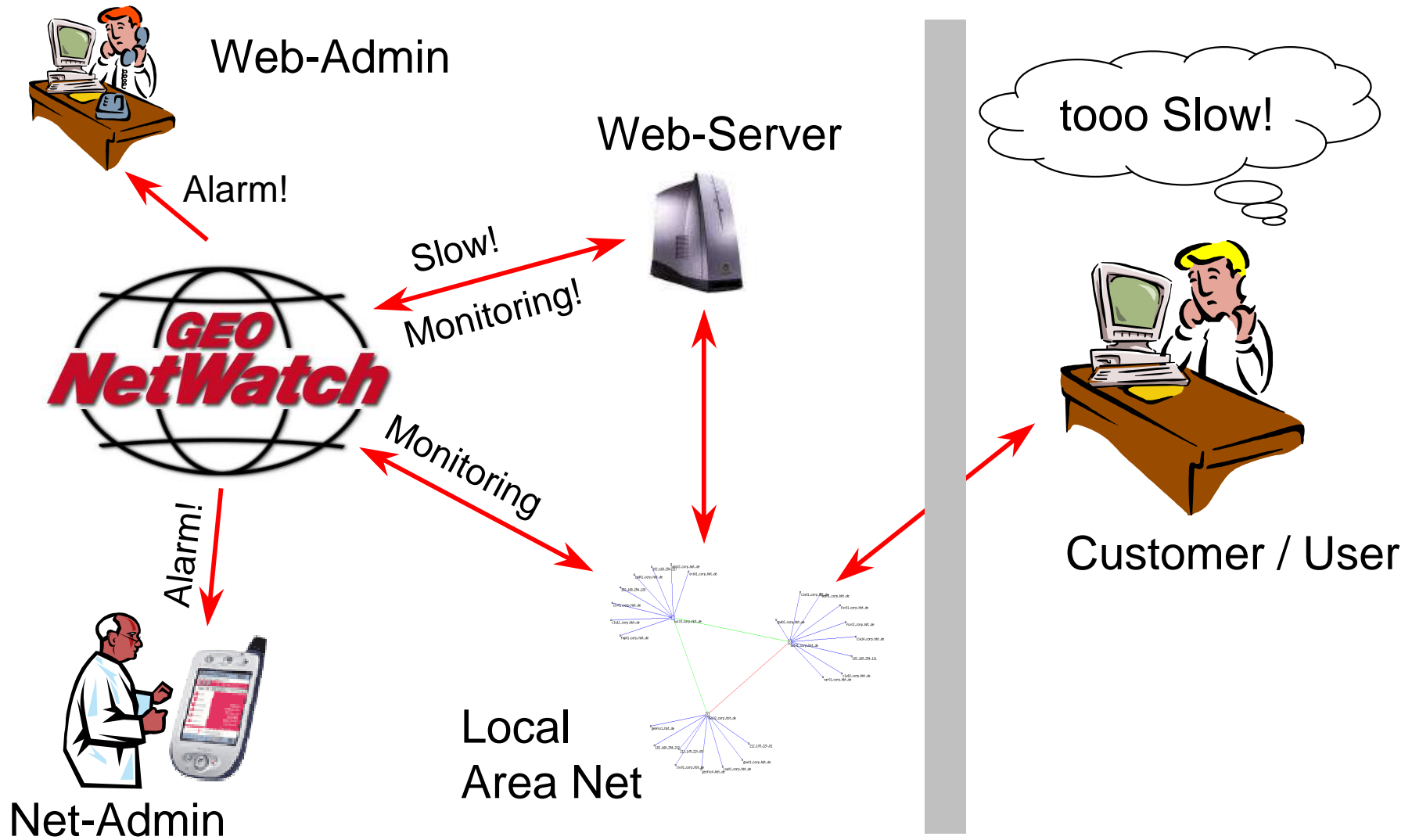
Monitoring and Alarming



GEONetWatch may warn you about system parameter having some critical values !



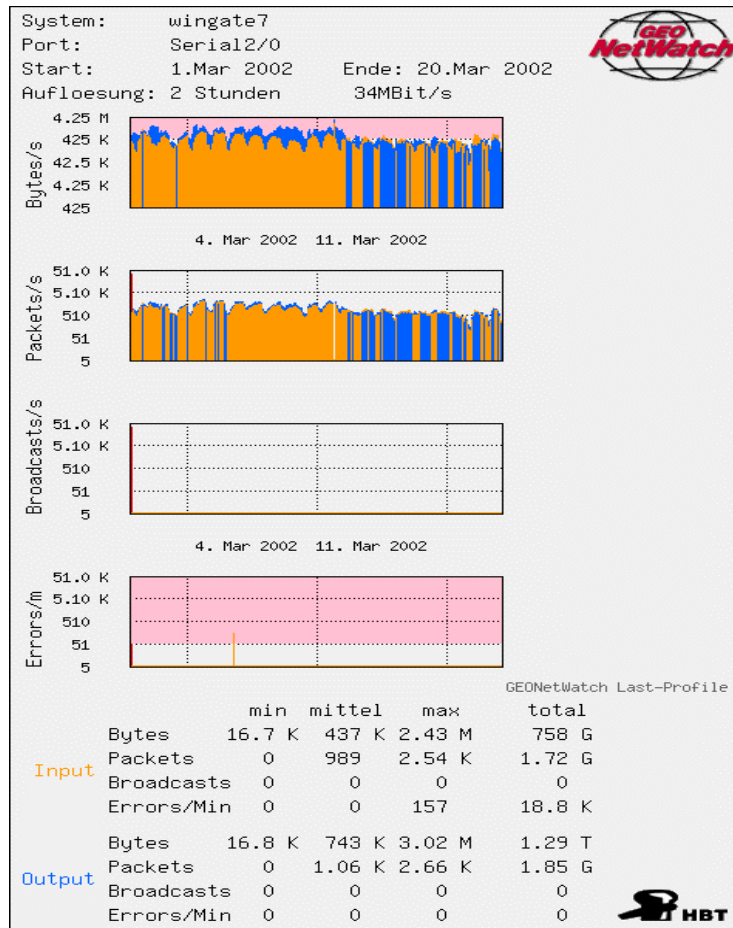
Monitoring and Alarming



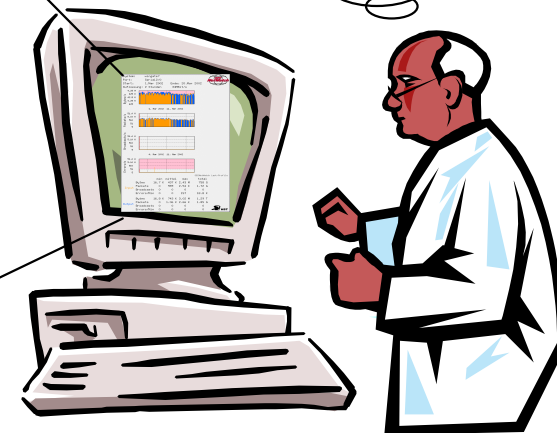
Monitoring and Alarming



GEONetWatch monitors the traffic of the whole network:



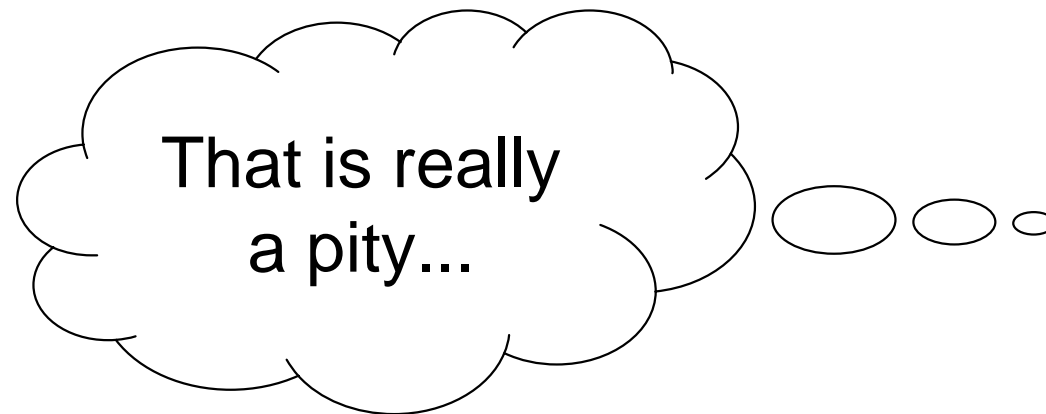
This line really has heavy load. It's obvious, that no one can work here fast.



Monitoring and Alarming



Sorry, but GEONetWatch may not prevent you from any operating failures...

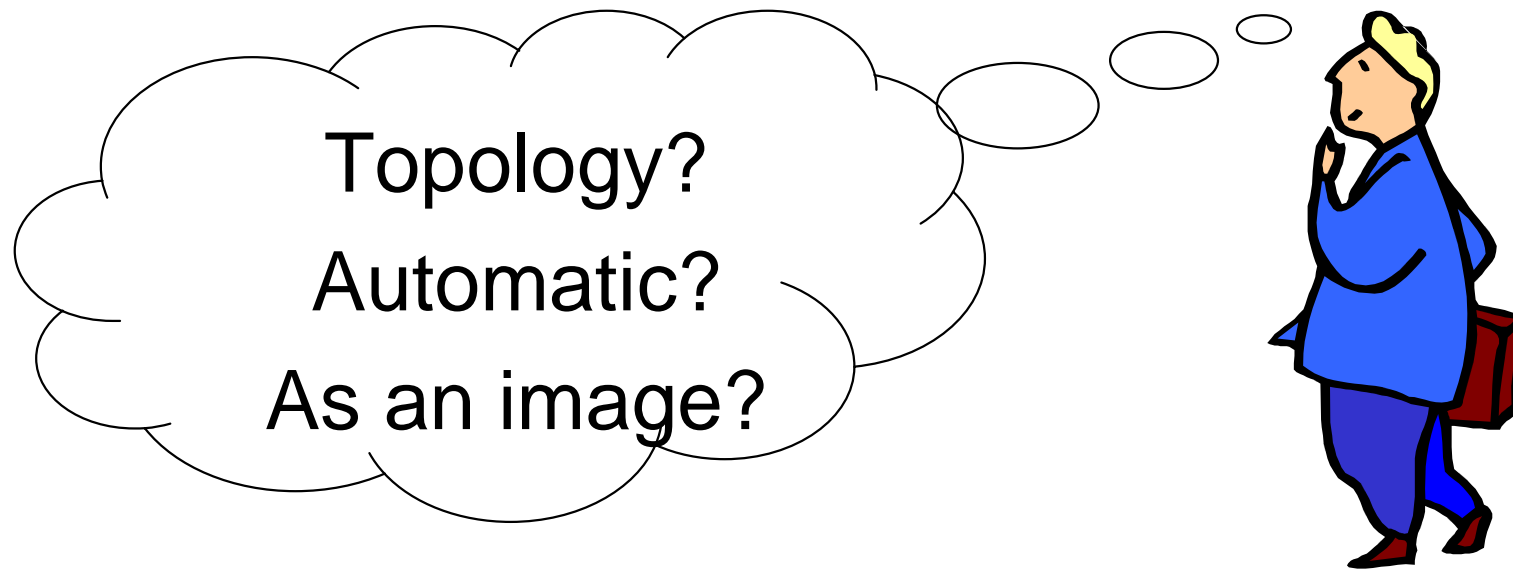


... but it may warn you a good time before your system goes down, so ***you*** can act!

What more can GEONetWatch monitor?

GEONetWatch may watch for the underlying IP Network:

- Network topology
- Data traffic



What more does GEONetWatch monitor?



GEONetWatch can assist you in the Topology analysis with answers to the following questions:

- How and where are my cables connected to a switch?
- What kind of systems are connected to my network and when did they show up the first time?
- What switch ports are my systems connected to?
- What switch ports are active?
- I am using spanning tree.
What's up with my spare connections?

Conclusion



GEONetWatch **monitors** your
applications and your **it-infrastructure**.
You bring down your downtime costs

Get information about:

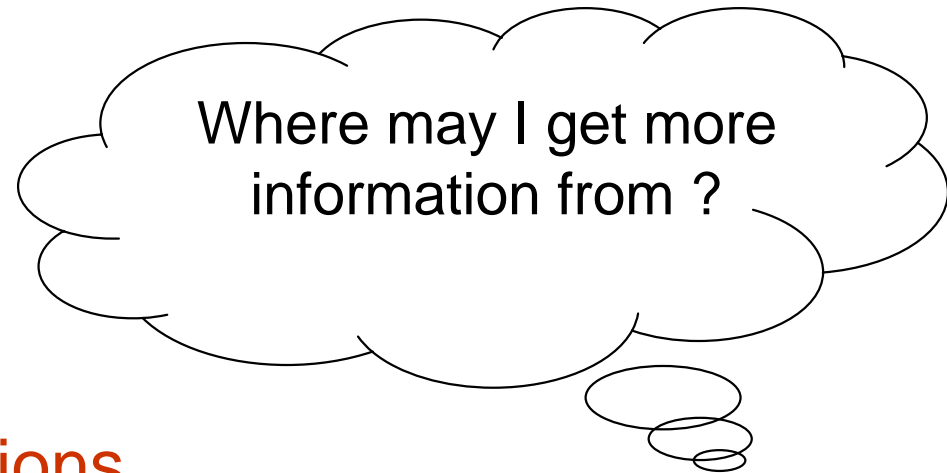
- Rightsizing of servers
- System states and trends, before they get critical
- The real bottlenecks in your application chain
- Your real service level

Summary

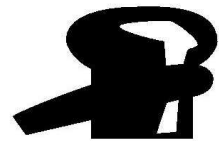


What you should remember about GEONetWatch?

- GEONetWatch is a product of  HBT
- GEONetWatch can monitor arbitrary **applications**
- GEONetWatch monitors **IP-networks**



Contactaddress



HBT Hamburger Berater Team GmbH



+49/40/369779-0
geonetwatch@hbt.de
www.hbt.de