

REPORTING

Was mit Nagios, Icinga & Co.
noch so geht

about
ME

Reporting



Lösungen

!

Icinga + JasperReport Server

ndo-/idoutils → DB → JasperReport Server

?

Architektur und Priorisierung

Icinga-Ansatz

trennt

Monitoring und Reporting

nicht

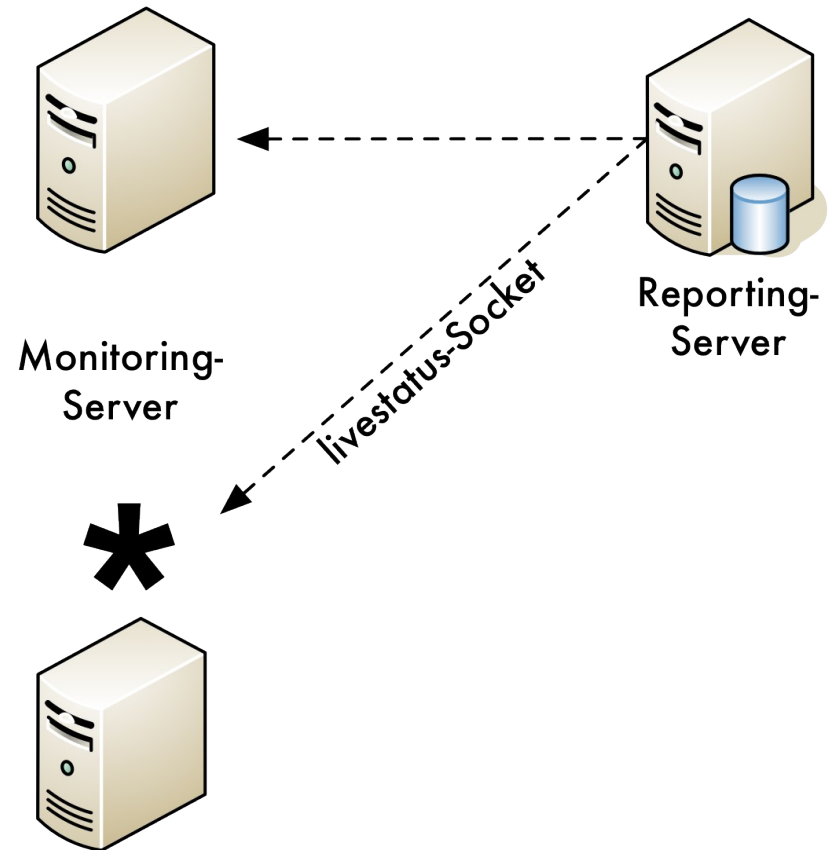
Important

Priorisierung

- Monitoring
- Performancedaten
- Reporting

Getrennte Architektur

```
/usr/bin/printf "GET log\nColumns: time type host_name service_descript  
ion state state_type\nFilter: time <= $ENDTIME\nFilter: time >= $STARTT  
IME\nFilter: type = SERVICE ALERT\nFilter: type = HOST ALERT\nFilter: t  
ype = SERVICE FLAPPING ALERT\nFilter: type = HOST FLAPPING ALERT\nFilter:  
r: type = CURRENT HOST STATE\nFilter: type = CURRENT SERVICE STATE\nFilter:  
ter: type = SERVICE DOWNTIME ALERT\nFilter: type = HOST DOWNTIME ALERT\  
n0r: 8\n" | /usr/bin/nc $HOST $PORT > $FILE
```



Voraussetzungen

Definierter Zustandswechsel

Performance der Architektur

Kleine Happen

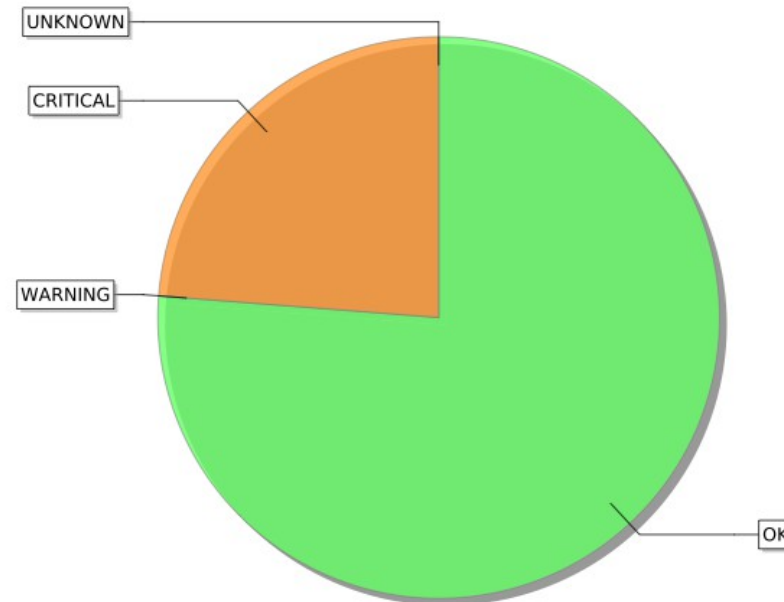
See Something

Service-Report

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Host: kvm.spenneberg.net
Service: SSH_AUTH_METHODS

Status	Dauer (in s)	Dauer (in %)
OK	65867	76.23
WARNING	0	0.00
CRITICAL	20533	23.77
UNKNOWN	0	0.00



See Something

Top-10 Hosts

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Host	up	down	unreachable
docs.spenneberg.net	92.10 %	0.00 %	7.90 %
puppet.spenneberg.net	92.10 %	0.00 %	7.90 %
firewall.spenneberg.net	92.11 %	7.89 %	0.00 %
kvm1-post	92.53 %	0.00 %	7.47 %
ksr.spenneberg.net	92.61 %	0.00 %	7.39 %
buchhaltung.spenneberg.net	92.62 %	0.00 %	7.38 %
gsr.spenneberg.net	92.62 %	0.00 %	7.38 %
dom0-post.spenneberg.net	92.62 %	0.00 %	7.38 %
backup.spenneberg.net	92.62 %	0.00 %	7.38 %
builddeusretium	92.62 %	0.00 %	7.38 %

Forward

Performance Reporting

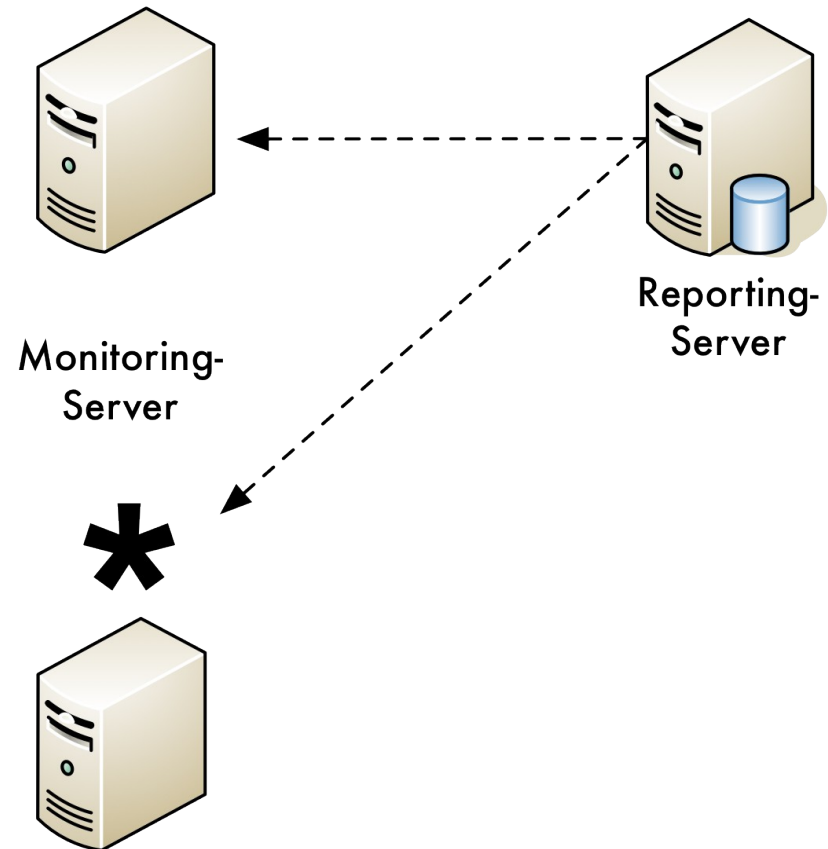
Performance Reporting



Architektur

Proof Of Concept

```
DATEN=$(rrdtool graph /dev/null \  
--end $END --start $START \  
'DEF:dsavg='$1': '$2':AVERAGE' \  
'DEF:dsmin='$1': '$2':MIN' \  
'DEF:dsmax='$1': '$2':MAX' \  
'PRINT:dsavg:AVERAGE:"%3.6lf"' \  
'PRINT:dsmin:MIN:"%3.6lf"' \  
'PRINT:dsmax:MAX:"%3.6lf"' \  
| sed '1d' \  
| sed '{:q;N;s/\n/|/g;t q}' \  
| sed 's/"//g' \  
);
```



See Something

Ralf Spenneberg  Linux Schulungen direkt vom Autor

OpenSource Training

Performance-Report

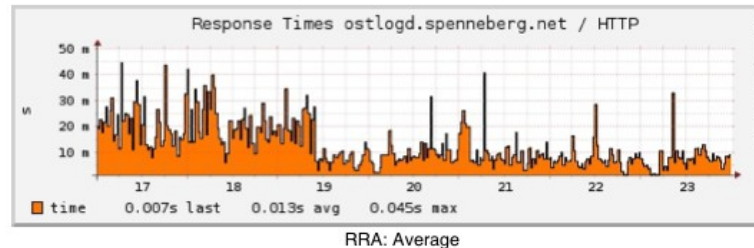
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Host: ostlogd.spenneberg.net

Service: HTTP:time

Woche: 38

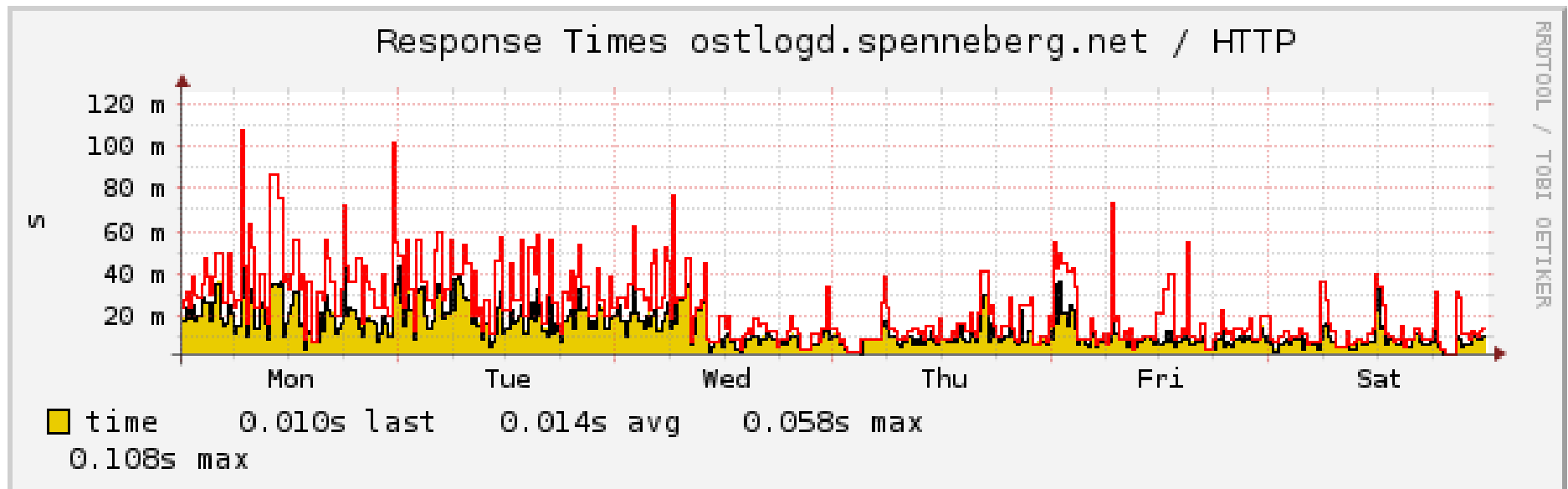
Tag	Durchschnitt (ms)	Min. (ms)	Max. (ms)
17.09.2012 (Mo)	26.39	8.17	108.63
18.09.2012 (Di)	31.01	11.66	101.06
19.09.2012 (Mi)	29.66	9.64	39.66
20.09.2012 (Do)	23.08	5.72	78.89
21.09.2012 (Fr)	21.94	4.85	42.97
22.09.2012 (Sa)	22.34	7.74	73.95
23.09.2012 (So)	24.77	6.76	43.78



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Average Max Min



Konzept vs. Realität

TO DO

thank
YOU

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