

Opsi- OpenSource Softwareverteilung

Integration in SNAG-View
bei der Oldenburgischen Landesbank

Zur Person

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- Schwerpunkt SystemMonitoring m. SNAG-View
- Projekt 'Ops-Monitoring mit SNAG-View' bei der Oldenburgischen Landesbank (OLB)

OpenSource Basis

Syslog-Ng

NeDi /
FindIT

Net-SNMP

Nagios

RRDTools
PNP

WebInject

MySQL

Monitoring mit SNAG-View / Nagios

- Checkengine für Aktives Monitoring
- SNAG-View ist in der Basis Nagios-kompatible
- Im Detail gibt es einige Besonderheiten zu beachten
 - Konfiguration per DB
 - Serviceprofile
 - Passwort-Tresor
 - Performancedaten
 - Appliance (SV3.4)

Opsi Nagios-Connector

- Monitoring-Schnittstelle der UIB für Opsi
- Co-Finanzierungsmodul
- Release 2013
- Erweiterung des Opsi-Webservice
- Nagios-konformes Plugin (UIB)
 - Python

Opsi Nagios-Connector

- Opsi-Server
 - Status und Performance der Opsi-Server
- Monitoring von Software Rollouts
 - Ergebnis von Software Rollouts
 - Grupiert nach Clients oder Software
- Opsi-Client Überwachung
 - Einfaches Monitoring von Clients
 - Opsi-Client-Agent
 - Kein Ersatz für NSClient++

```
# check_opsi.py -H opsiserver -P 4447 -u mon -p mon -t \  
checkOpsiWebservice
```

OK: Opsi Webservice has no Problem

```
| requests=0;;;0; davrequests=0;;;0; rpcs=0;;;0; rpcerror=0;;;0;  
sessions=0;;;0; threads=2;;;0; virtmem=65;;;0; # cpu=0;;;0;100
```

```
# check_opsi.py -H opsiserver -P 4447 -u mon -p mon -t \  
checkOpsiDiskUsage
```

OK: DiskUsage from ressource '/depot' is ok. (available: '33.68'GB).
DiskUsage from ressource '/configed' is ok. (available: '33.68'GB).
DiskUsage from ressource '/repository' is ok. (available: '33.68'GB).
DiskUsage from ressource '/' is ok. (available: '33.68'GB)

```
# check_opsi.py -H opsiserver -P 4447 -u mon -p mon -t \  
checkClientStatus -c opsiclient
```

WARNING: opsi-client sec-pc-ustwin.sectornord.local has been seen today. Actions set for products: 'swaudit (setup)'

```
# check_opsi.py -H opsiserver -P 4447 -u mon -p mon -t \  
checkProductStatus -e opsi-client-agent
```

OK: No Problem found for productIds: 'opsi-client-agent'

```
# check_opsi.py -H opsiserver -P 4447 -u mon -p mon -t  
checkOpsiDepotSyncStatus
```

OK: Syncstate ok for depots: 'opsidemo.sectornord.local'

+ Host: 1 0 0 0 Service: 4 1 0 0 0									
Host State	Host Name ▲	Service Description	Status	Last Check	Duration	Check Atte...	Output		
Up	OPSI	PING	OK	14.09.2015 15:48:04	15h 9m 29s	1 / 5	OK - 192.168.16.1:rtt 2.330ms, lost 0%		
		Opsi_CLIENT_STATUS	Warning	14.09.2015 15:47:41	14h 58m 42s	5 / 5	WARNING: opsi-client sec-pc-ustwin.sectornord.local has been seen tod...		
		Opsi_DISK_USAGE	OK	14.09.2015 15:47:54	14h 58m 42s	1 / 5	OK: DiskUsage from ressource 'depot' is ok. (available: '33.68'GB). Disk...		
		Opsi_PRODUCT_STATUS	OK	14.09.2015 15:47:54	14h 58m 42s	1 / 5	OK: No Problem found for productIds: 'opsi-client-agent'		
		Opsi_WEBSERVICE	OK	14.09.2015 15:48:04	15h 5m 2s	1 / 5	OK: Opsi Webservice has no Problem		