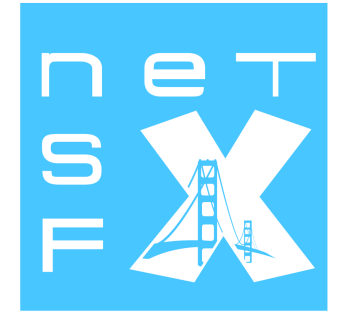


SAP Retail Communications “Point-to-Point”



SAP Retail

SAP PI Netweaver

65.000 ComChannels

VST

VST

VST

VST

VST

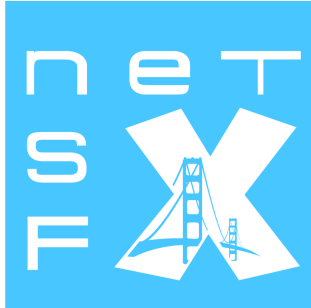
VST

KG

LF

5496 outlets: stores, distribution centers, suppliers

Xnet XDS DX Data Federation Server



SAP Retail

SAP PI

Reduction 95%

↓
GS

$$\sum 13 + 25 + 7 = 3285$$

73 GS

Com channels

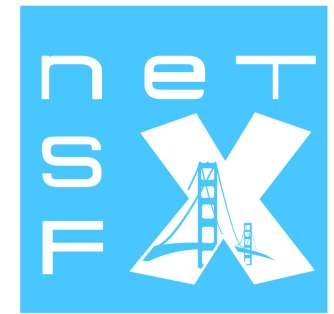
XNET MIDDLEWARE DX

XDS DX

VST VST VST VST VST VST

5400 VSTs

Xnet DX Software Container Architecture



SAP Retail

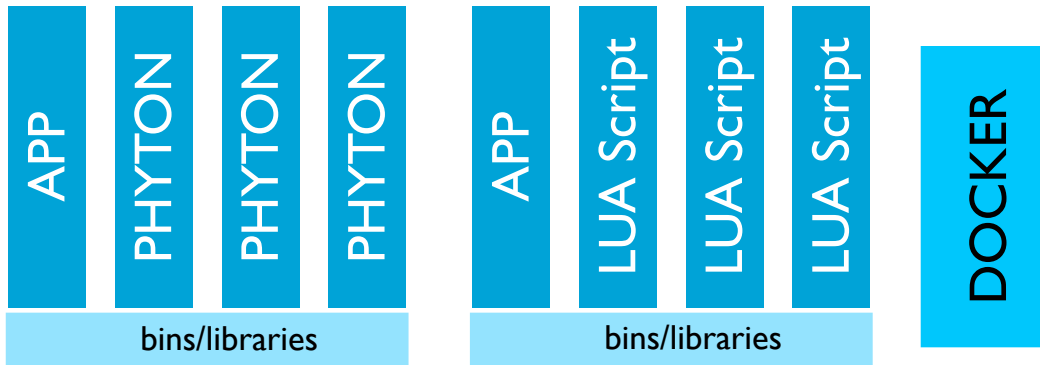
SAP Netweaver PI

XNET MIDDLEWARE

git repository

simple
scalable
smarter

Container

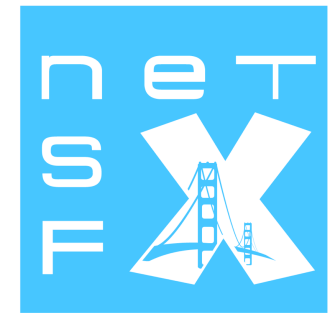


Host OS

Host Cluster



Xnet XDS-DX Software DOCKER file



```
$ docker run -it ubuntu bash

$ docker exec -it XDSDX

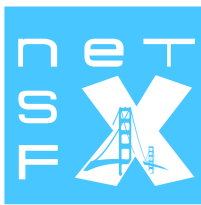
connecting to: admin
> db.createUser({ user: 'AldiSAP', pwd: Hash encrypted
'&xd11&8sah', roles: [ { role: "userAdminXdsDx", db:
"admin" } ] });
Successfully added user: {
  "user" : "Sascha_1",
  "roles" : [
    {
      "role" : "userAdminXdsDx",
      "db" : "admin"
    }
  ]
}

$ docker config=$(cat config.yml)

$ docker sudo reboot
```



Xnet XDS-DX Monitoring Dashboard



Peter White ▼

Dashboard ▼

- Groups
- Locations
- Services
- Devices
- Options

Disk Space

27,4%
Disk Space

11%
Disk Space

15%
Disk Space

Server information

TYPE	INFO	OBJECT
NODE: XDA-001		
	Storage total space	5746457GB
	System uptime	20h
	Memory usage	20%
	JVM Memory usage	10%
	Database nodes	4
	Database insert speed	24/s
	Database update speed	30/s
	Database delete speed	1/s
NODE: XDA-001		
	Storage total space	5746457GB
	System uptime	20h
	Memory usage	20%
	JVM Memory usage	10%
	Database nodes	4
	Database insert speed	24/s
	Database update speed	30/s
	Database delete speed	1/s
GENERAL		
	Requests	30/s
	Logged in users	3
	Login retries today	1

6
New Locations
[View more >>](#)

2
New Alerts
[View more >>](#)

12
New Devices
[View more >>](#)

System usage

USER	ADMIN
Number of used groups:	100
Number of used locations:	5
Number of used devices:	15123
Number of used services:	8

24
New Updates
[View more >>](#)

Statistics

Locations Count:	1486
Devices Count:	20984
Groups Count:	30
Last Login:	Mar 16, 2016 10:44:34 AM
Users Online:	14

Favourites

TYPE	OBJECT	REMOVE
	ELWIS PC PC01-EH070234	
	ELWIS PC PC01-EH070234	
	Location Kox, 234	

Latest changes

OBJECT TYPE	AUTHOR	CHANGE	DATE
	Johan Muller	Device MMC01-EH070094 has been added to Location 0094	11/03/16
	Krad Redaw	Device MMC02-EH070094 has been removed from Location 0094	11/03/16
	Mijuel Lopez Gonzalez-Kowalski	New location 0095 in group EDEKA.RheinRuhr has been created	11/03/16
	John Smith	New version 5.2 of XDS Client	11/03/16
	Johan Muller	Device MMC02-EH070094 has been added to Location 0094	11/03/16
	Krad Redaw	Device MMC03-EH070094 has been removed from Location 0094	11/03/16
	Mijuel Lopez Gonzalez-Kowalski	New location 0095 in group EDEKA.RheinRuhr has been created	11/03/16
	John Smith	New version 5.2 of XDS Client	11/03/16
	Johan Muller	Device MMC01-EH070094 has been added to Location 0094	11/03/16
	Krad Redaw	Device MMC02-EH070094 has been removed from Location 0094	11/03/16
	Mijuel Lopez Gonzalez-Kowalski	New location 0095 in group EDEKA.RheinRuhr has been created	11/03/16
	John Smith	New version 5.2 of XDS Client	11/03/16

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