ADVANCED MEDIOMATRIX

DELL EMC

cloudizy

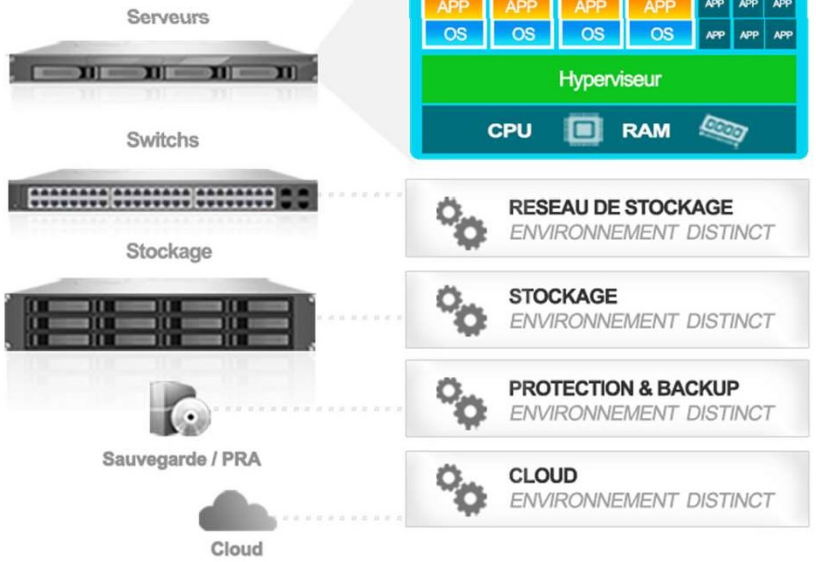
Nous vous aidons à développer votre entreprise

PROXMOX

QU'EST CE QUE L'HYPERCONVERGENCE ?

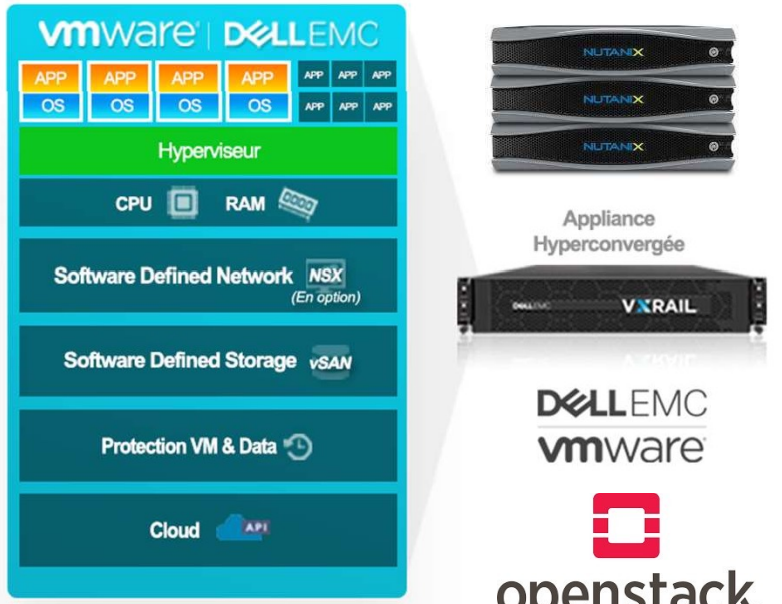
INFRASTRUCTURE IT

TRADITIONNELLE



VS

HYPERCONVERGÉE



#5 SILOS DE RESSOURCES

#5 OUTILS DE GESTION ET DE VIRTUALISATION

#1 OUTIL DE GESTION SOFTWARE-DEFINED

#1 CONSOLIDATION DES RESSOURCES

I ♥ hyperconvergence @guilhemdemilly

Cluster HCI hébergé à partir de 890€/mois

Cluster de 3 noeuds R730 [128GB, 2CPU E5-2650, 4x2TB SSD stockage]
incl. Proxmox & Ceph pré-installé/configuré

2x 8-port 10GE switches

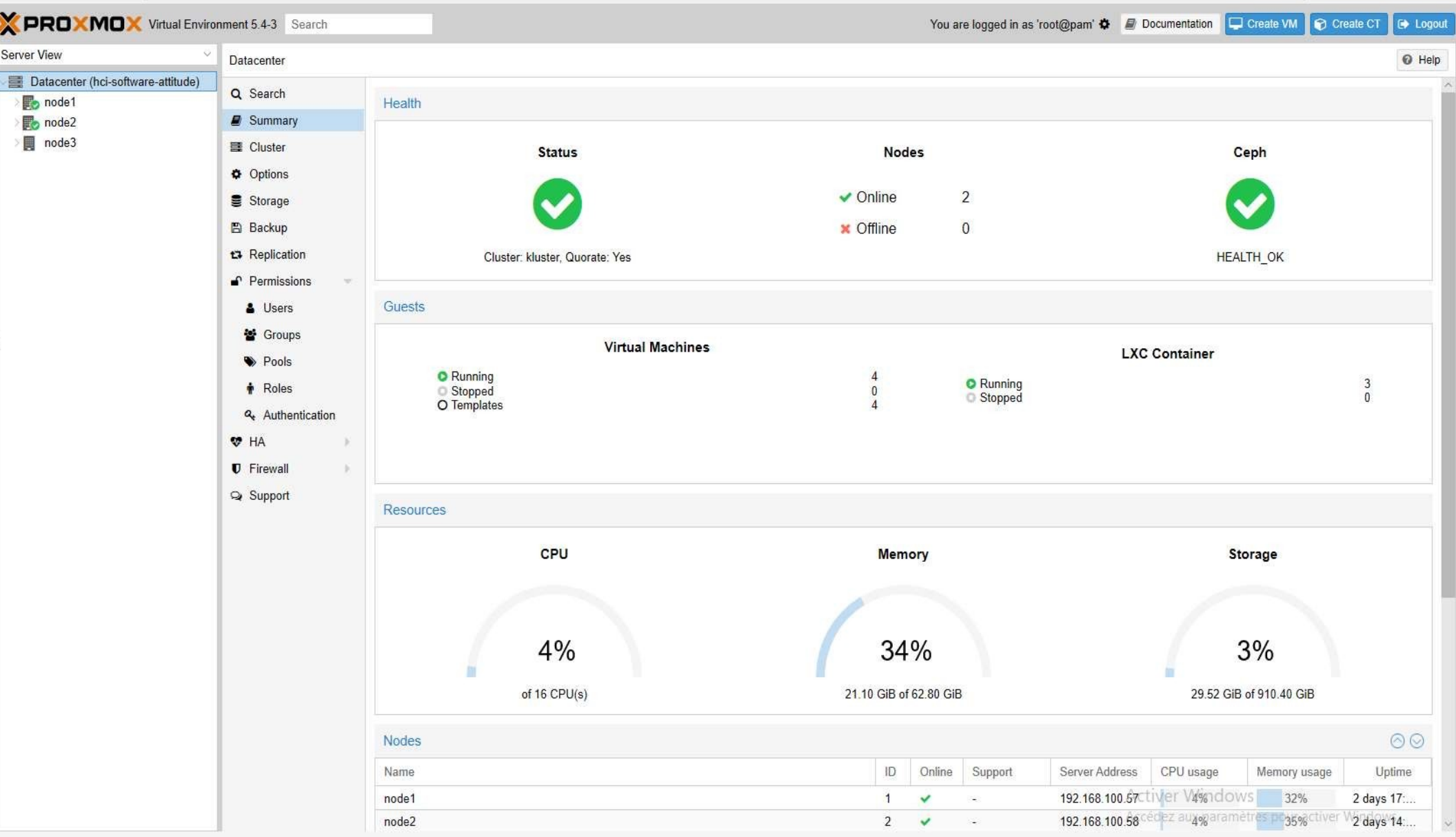
Option **NAS Backup** PER530 ou stockage cloud

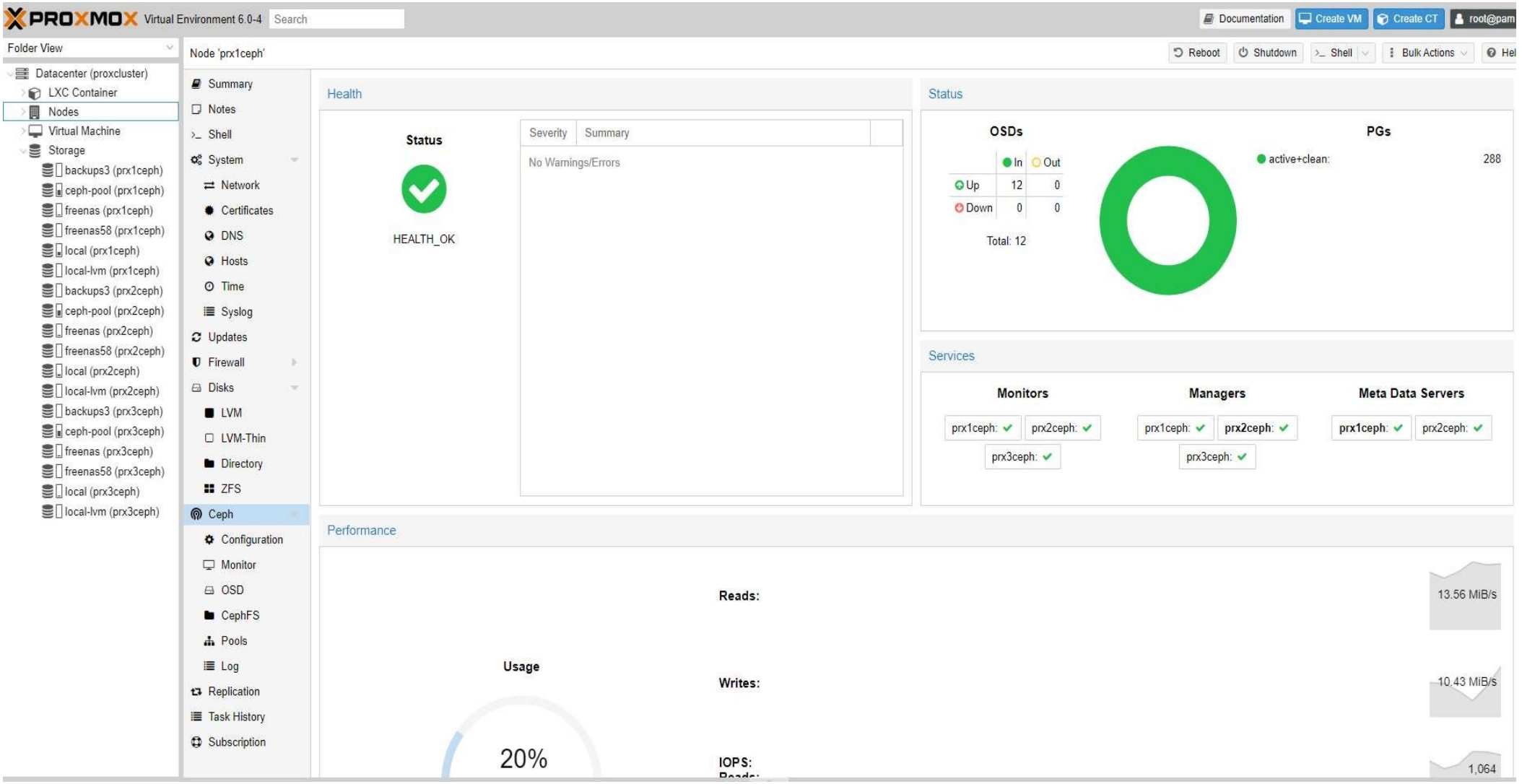
Grafana open source PROXMOX ceph DELL EMC FreeNAS

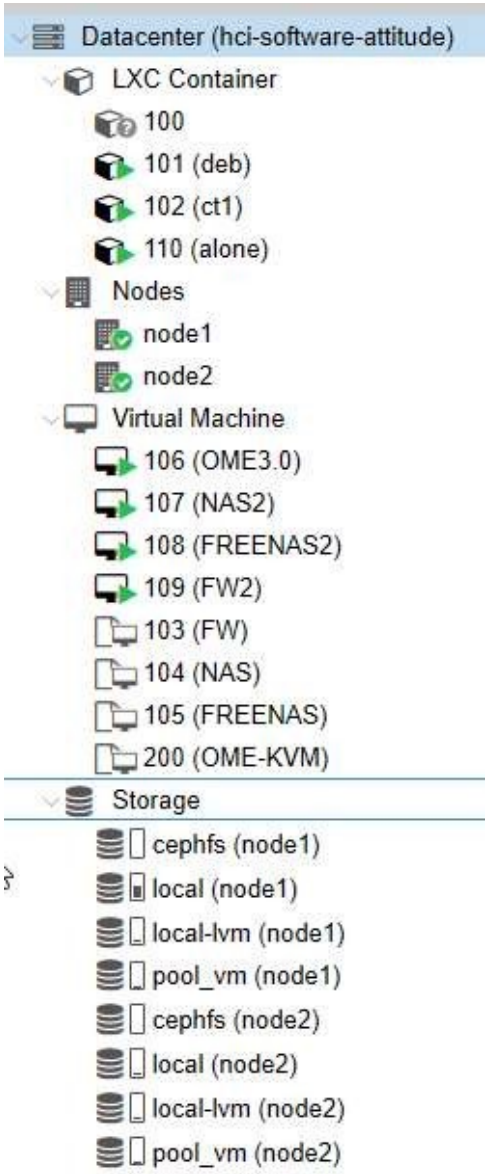
BELGIQUE
LUXEMBOURG
Vers Bruxelles
Luxembourg
Vers Lille
Reims
Vers Francfort
Sarrebruck
Metz
A4
Paris
Nancy
Strasbourg
A31
ALLEMAGNE
Mulhouse
Vers Zurich
Dijon
SUISSE
Vers Lyon

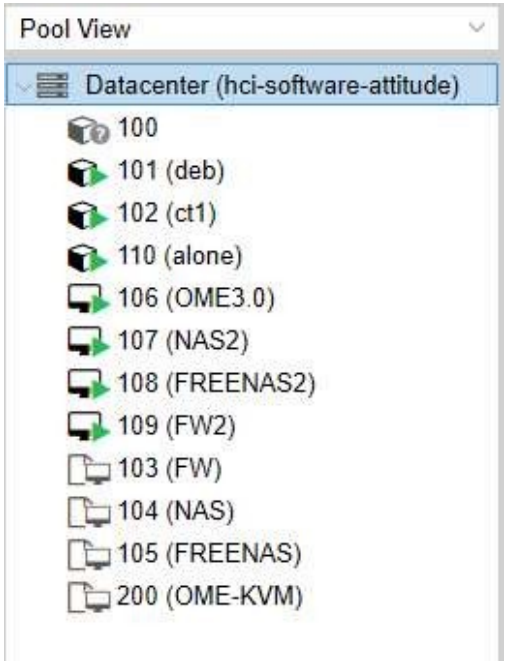
ISO 14001:2015
BUREAU VERITAS
Certification
BUREAU VERITAS
1828
ISO 50001
BUREAU VERITAS
Certification
BUREAU VERITAS
1828

Les interfaces utilisateurs


PROXMOX Virtual Environment 5.4-3
Search
You are logged in as 'root@pam'
Documentation
Create VM
Create CT
Logout
Server View
Datacenter
Help
Datacenter (hci-software-attitude)
node1
node2
node3
Search
Summary
Cluster
Options
Storage
Backup
Replication
Permissions
Users
Groups
Pools
Roles
Authentication
HA
Firewall
Support
Health
Status
Cluster: kluster, Quorate: Yes
Nodes
Online 2
Offline 0
Ceph
HEALTH_OK
Guests
Virtual Machines
Running 4
Stopped 0
Templates 4
LXC Container
Running 3
Stopped 0
Resources
CPU
4%
of 16 CPU(s)
Memory
34%
21.10 GiB of 62.80 GiB
Storage
3%
29.52 GiB of 910.40 GiB
Nodes
Name
ID
Online
Support
Server Address
CPU usage
Memory usage
Uptime
node1
1
-
192.168.100.57
4%
32%
2 days 17:...
node2
2
-
192.168.100.58
4%
35%
2 days 14:...


PROXMOX Virtual Environment 6.0-4
Search
Documentation
Create VM
Create CT
root@pam
Folder View
Node 'prx1ceph'
Reboot
Shutdown
Shell
Bulk Actions
Datacenter (proxcluster)
LXC Container
Nodes
Virtual Machine
Storage
backups3 (prx1ceph)
ceph-pool (prx1ceph)
freenas (prx1ceph)
freenas58 (prx1ceph)
local (prx1ceph)
local-lvm (prx1ceph)
backups3 (prx2ceph)
ceph-pool (prx2ceph)
freenas (prx2ceph)
freenas58 (prx2ceph)
local (prx2ceph)
local-lvm (prx2ceph)
backups3 (prx3ceph)
ceph-pool (prx3ceph)
freenas (prx3ceph)
freenas58 (prx3ceph)
local (prx3ceph)
local-lvm (prx3ceph)
Summary
Notes
Shell
System
Network
Certificates
DNS
Hosts
Time
Syslog
Updates
Firewall
Disks
LVM
LVM-Thin
Directory
ZFS
Ceph
Configuration
Monitor
OSD
CephFS
Pools
Log
Replication
Task History
Subscription
Health
Status
HEALTH_OK
Severity
Summary
No Warnings/Errors
Status
OSDs
In
Out
Up
12
0
Down
0
0
Total: 12
PGs
active+clean:
288
Services
Monitors
prx1ceph:
prx2ceph:
prx3ceph:
Managers
prx1ceph:
prx2ceph:
prx3ceph:
Meta Data Servers
prx1ceph:
prx2ceph:
Performance
Usage
20%
Reads:
13.56 MiB/s
Writes:
10.43 MiB/s
IOPS:
1,064


Datacenter (hci-software-attitude)
LXC Container
100
101 (deb)
102 (ct1)
110 (alone)
Nodes
node1
node2
Virtual Machine
106 (OME3.0)
107 (NAS2)
108 (FREENAS2)
109 (FW2)
103 (FW)
104 (NAS)
105 (FREENAS)
200 (OME-KVM)
Storage
cephfs (node1)
local (node1)
local-lvm (node1)
pool_vm (node1)
cephfs (node2)
local (node2)
local-lvm (node2)
pool_vm (node2)


Pool View
Datacenter (hci-software-attitude)
100
101 (deb)
102 (ct1)
110 (alone)
106 (OME3.0)
107 (NAS2)
108 (FREENAS2)
109 (FW2)
103 (FW)
104 (NAS)
105 (FREENAS)
200 (OME-KVM)

PROXMOX
Server View
Datacenter
ceph1
local (ceph1)
ceph2
local (ceph2)
ceph3
local (ceph3)
JamesCoyle.net

OpenManage Enterprise

Rechercher tout

32 87 11 admin

Accueil | Périphériques | Configuration | Alertes | Surveiller | Paramètres de l'application

GROUPES DE SYSTÈMES

- All Devices
  - HCI Appliances
  - Hypervisor Systems
  - Modular Systems
  - Network Devices
  - Servers
  - Storage Devices

GROUPES PERSONNALISÉS

- Static Groups
  - Marylin
- Query Groups

All Devices

Group associated to all devices.

10 Appareils — 1 Avertissement, 9 Inconnu

87 Alertes — 46 Avertissement, 41 Info

LIENS RAPIDES

Détecter des périphériques
Exécuter linventaire
Exclusion globale

Ajouter à un groupe | Supprimer | Exclure | Actualiser linventaire | Actualiser létat | Plus dactions

Filtres avancés

NOM	ADRESSE IP	NUMÉRO DE SERVICE	MODÈLE	TYPE	ÉTAT GÉRÉ
	10.30.0.3	B[illegible]75J	PowerEdge R610	Calculer	Géré
	10.30.0.4	6N[illegible]5J	PowerEdge R610	Calculer	Géré
10.30.0.6	10.30.0.6	19[illegible]5J	PowerEdge R610	Calculer	Géré
10.[illegible].204	10.30.0.204	HVV[illegible]1	Dell Networking N30...	Commutateur de rés...	Surveillé
prx1ceph	10.30.0.5	[illegible]5J	PowerEdge R610	Calculer	Géré
[illegible]oftware-a...	10.30.0.11	D2N[illegible]4J	PowerEdge R710	Calculer	Surveillé
10.[illegible].7	10.30.0.7	[illegible]5J	PowerEdge R610	Calculer	Géré
	10.[illegible].221	30H[illegible]5J	unknown	Calculer	Géré

10.30.0.3

Afficher les détails

Actions rapides:
Lancer la console de l'agent VMware ESXi
Lancer la console de l'agent iDRAC

Type de périphérique:
Calculer

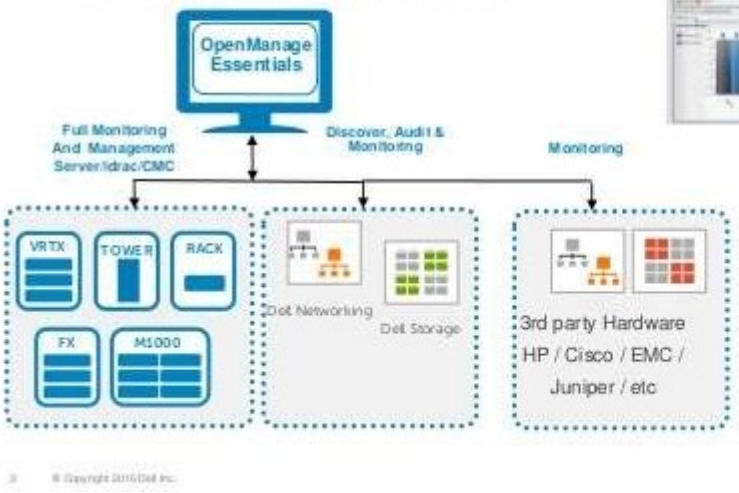
Numéro de service:
[illegible]075J

Modèle:
PowerEdge R610

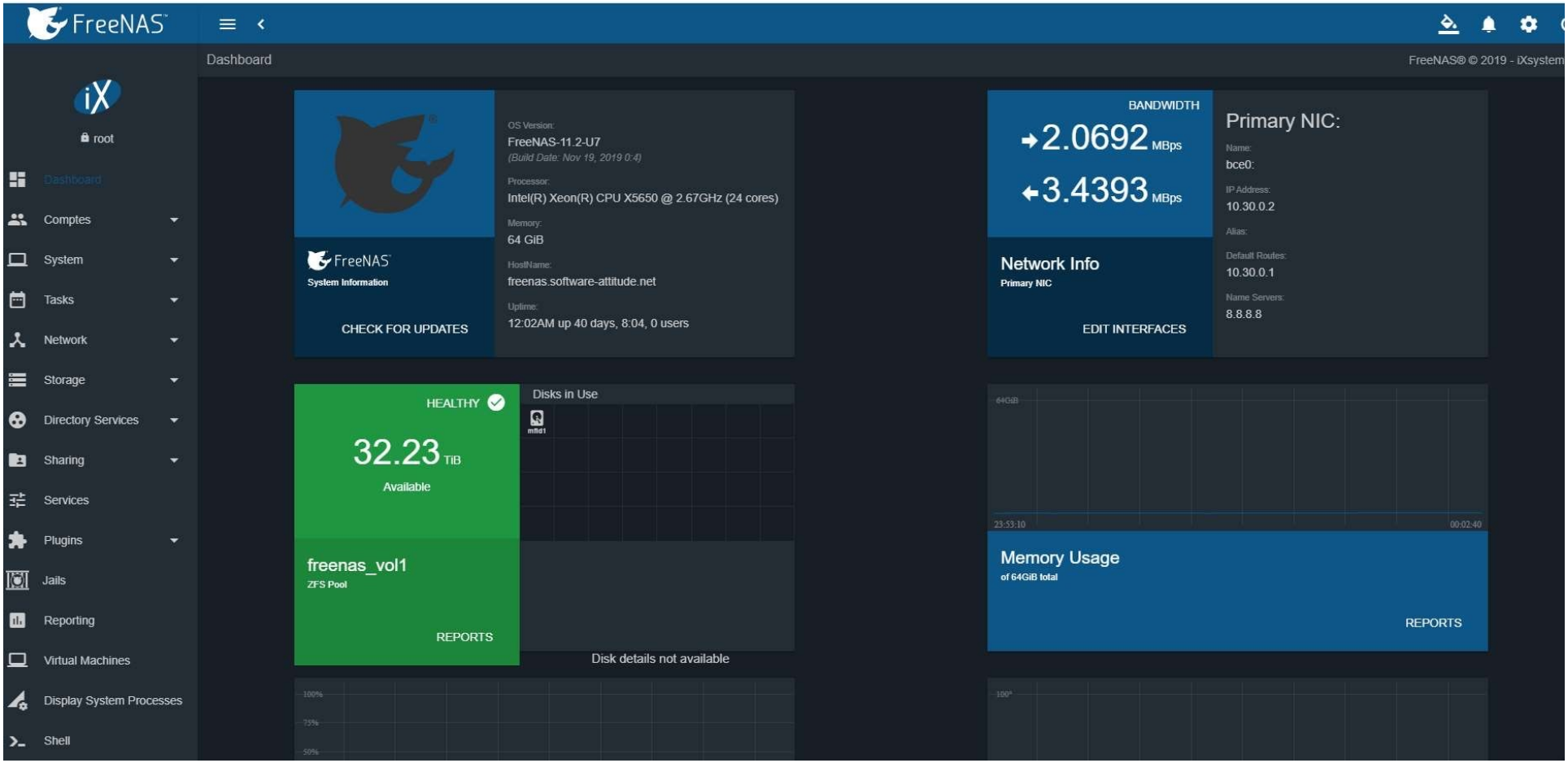
En ligne:
En ligne

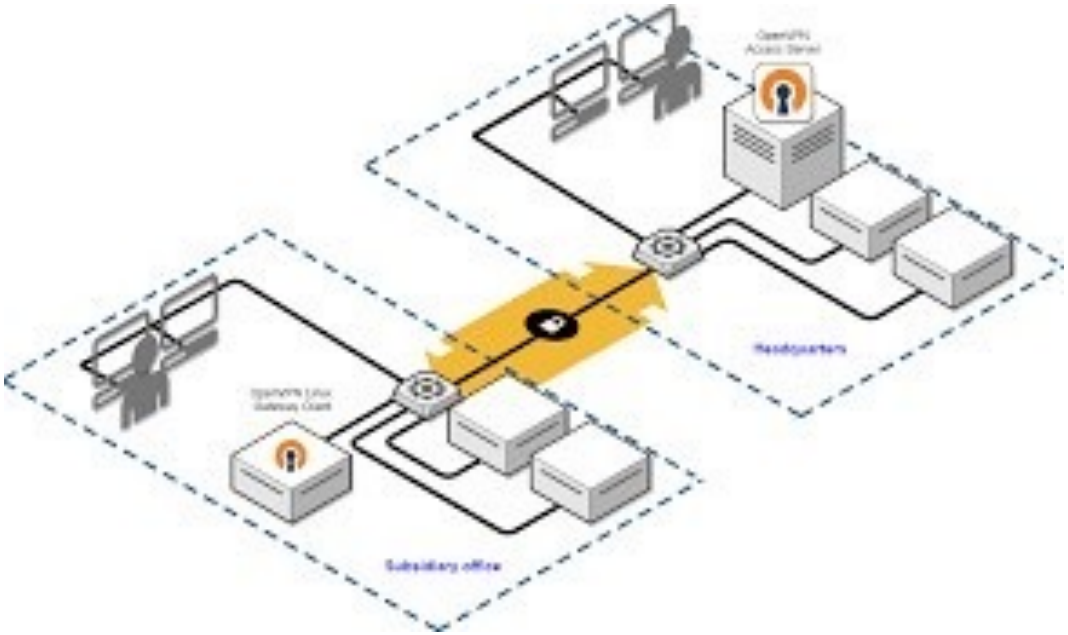
Open Manage Essential

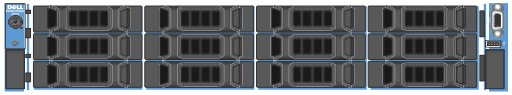
1:Many full management solution for Dell servers
(deploy/discover/monitoring/patch/reporting)
Plus
monitoring of Dell and 3rd party infrastructure



PROXMOX
Dell
OpenManage
Entreprise

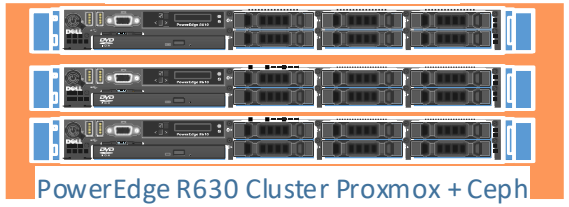
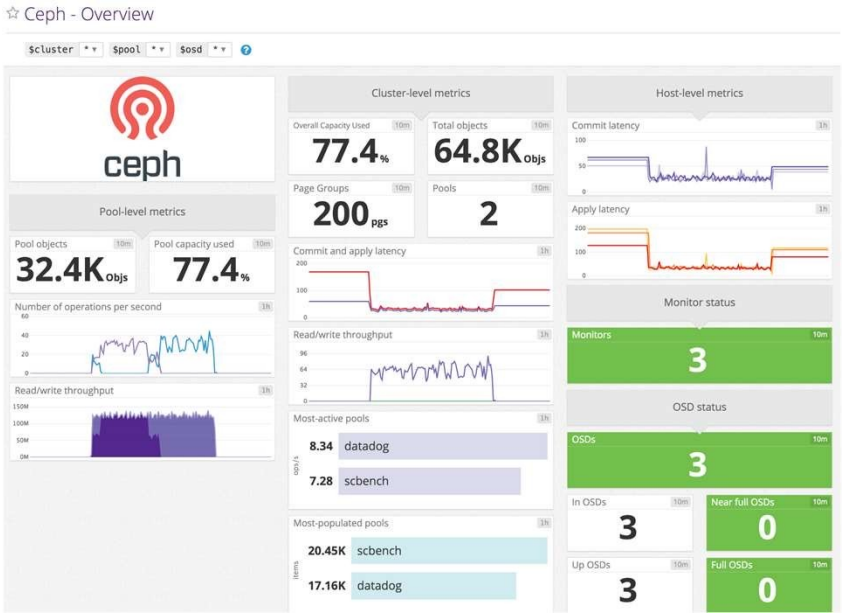

FreeNAS
Dashboard
FreeNAS® © 2019 - iXsystem
root
Dashboard
Comptes
System
Tasks
Network
Storage
Directory Services
Sharing
Services
Plugins
Jails
Reporting
Virtual Machines
Display System Processes
Shell
OS Version:
FreeNAS-11.2-U7
(Build Date: Nov 19, 2019 0:4)
Processor:
Intel(R) Xeon(R) CPU X5650 @ 2.67GHz (24 cores)
Memory:
64 GiB
HostName:
freenas.software-attitude.net
Uptime:
12:02AM up 40 days, 8:04, 0 users
FreeNAS
System Information
CHECK FOR UPDATES
BANDWIDTH
2.0692 MBps
3.4393 MBps
Network Info
Primary NIC
EDIT INTERFACES
Primary NIC:
Name:
bce0:
IP Address:
10.30.0.2
Alias:
Default Routes:
10.30.0.1
Name Servers:
8.8.8.8
HEALTHY
32.23 TiB
Available
freenas_vol1
ZFS Pool
REPORTS
Disks in Use
mfid1
Disk details not available
64GiB
23:53:10
00:02:40
Memory Usage
of 64GiB total
REPORTS
100%
75%
50%
100°





PowerEdge R510

PowerEdge R610



PowerEdge R630 Cluster Proxmox + Ceph