

SUMMARISED GUIDE DC SCOPE®

Easy control of your virtual infrastructure

DC Scope, a complete and intuitive tool, to control your virtual infrastructure.

- *Visual dashboards with detailed information*
- *Analyze problems before they occur*
- *Anticipate the evolution of your virtual infrastructure*
- *Optimize your resources*

1

ANALYZE

2

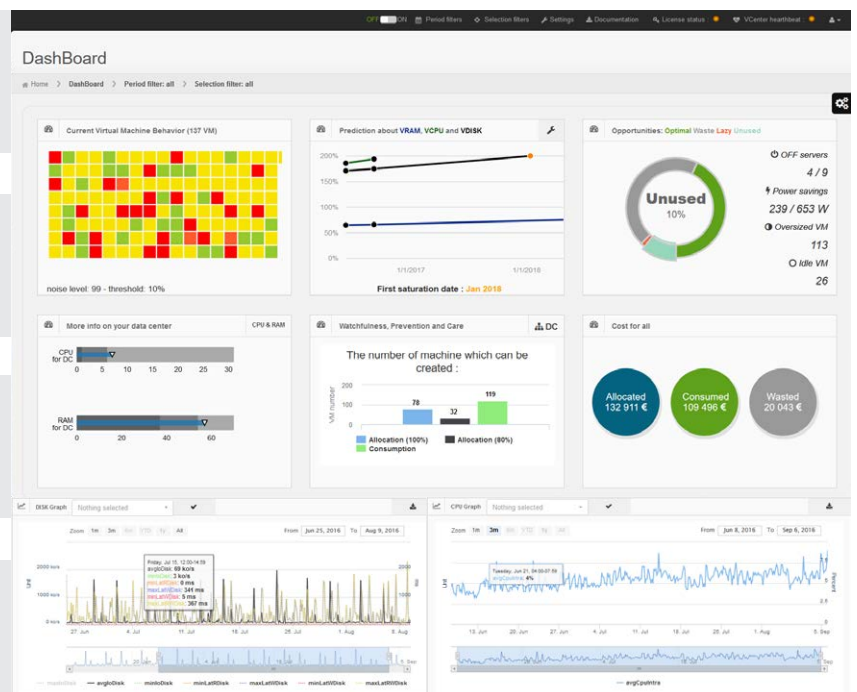
TROUBLESHOOTING
PREVENTIVE / CORRECTIVE

3

CAPACITY
PLANNING

4

OPTIMIZATION

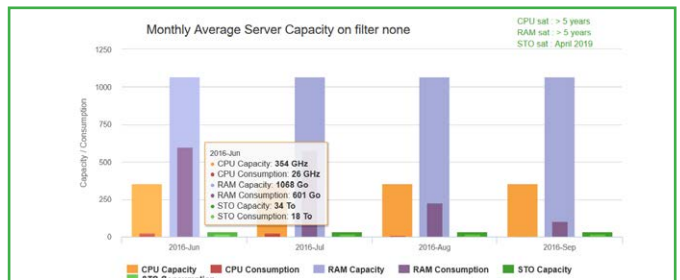
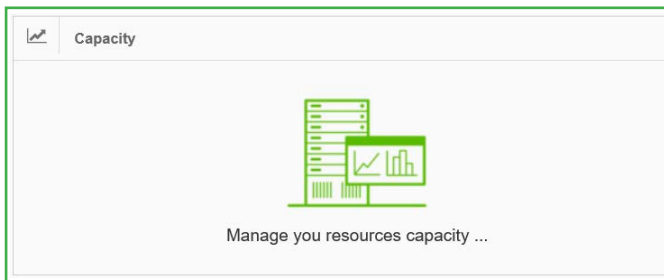
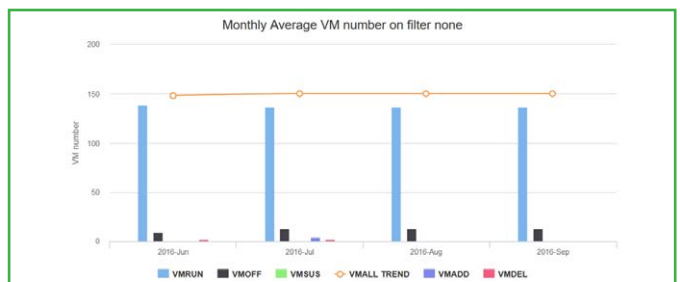
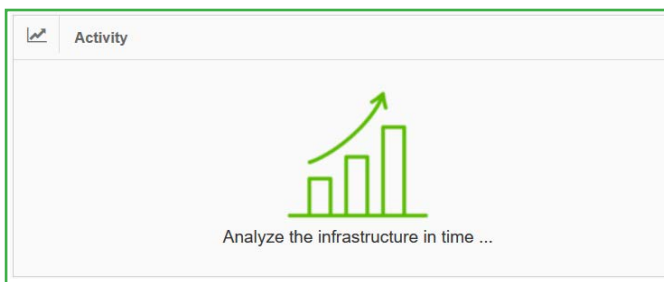


Automatically generate your control indicators: a set of dashboards are provided by default.

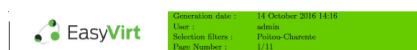
AVAILABLE INDICATORS :

Current activity of the virtual infrastructure, resource capacity, executed and achievable savings, virtual infrastructure health, cost breakdown, atypical VMs and many more...

Dashboards examples :



All the indicators are available online or through an exportable comprehensive report:



Rapport de pilotage d'infrastructures virtualisées

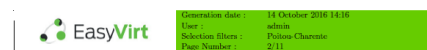
Périmètre : Poitou-Charente



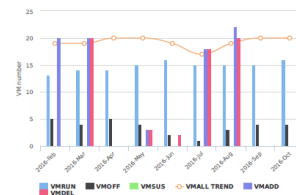
Ce document détaille les informations analysées par la solution DC Scope selon plusieurs indicateurs clés de performance (KPI pour Key Performance Indicators).

Les KPI présentés dans la suite de ce rapport sont répartis selon la table des matières suivante :

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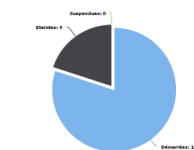
1 Evolution mensuelle du parc de machines virtuelles



Depuis le début de l'année : le nombre de machines virtuelles a évolué de 1 VM, soit 5.3%

1.1 Détails sur le dernier mois analysé

Nombre de machines virtuelles :	20
Démarrées :	16
Éteintes :	4 (20.0 %)
Suspendues :	0
Créées ce mois :	0
Supprimées ce mois :	0 (0.0 %)
Delta :	0 (0.0 %)



All indicators and reports can be personalized according to your needs (analysis of particular area, key figures of production servers or specific ESX, etc.

2

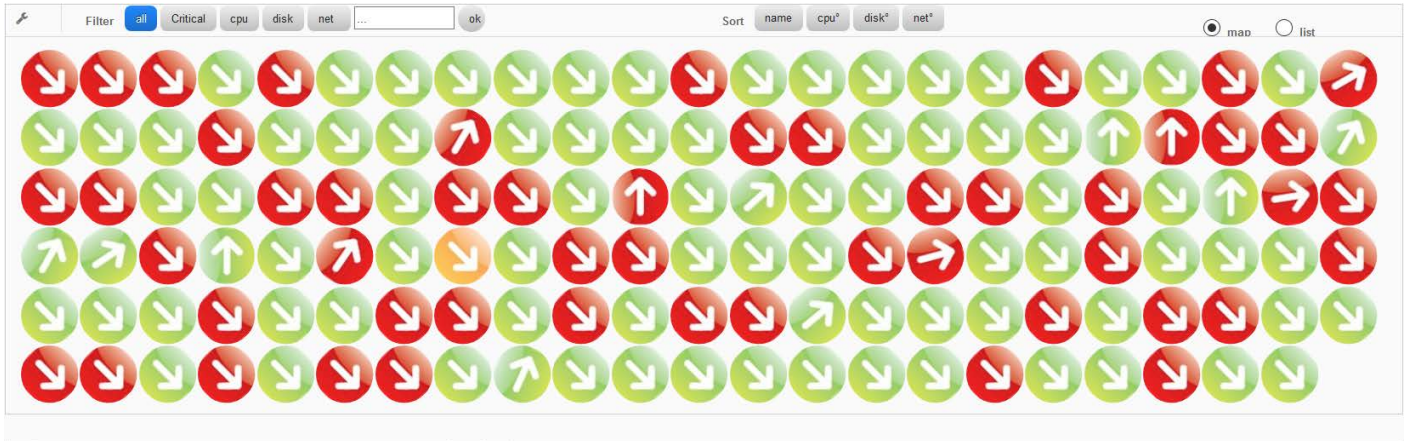
TROUBLESHOOTING PREVENTIVE & CORRECTIVE

Troubleshooting and maintenance allow you to analyse problems before they arise.

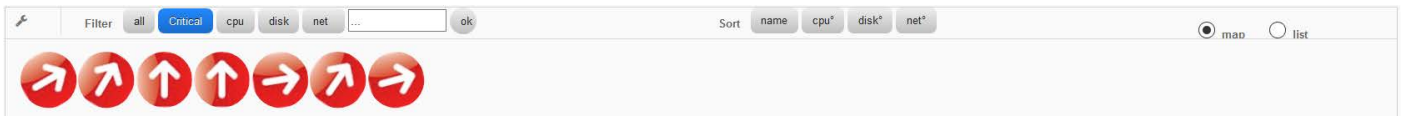
- 1 Quickly identify deteriorated VMs and foresee potential issues - Preventive.
- 2 Provide damage reports and fix frequent problems - Corrective.

DC Scope analyses in detail the virtual infrastructure for you.

General overview of all the VMs:



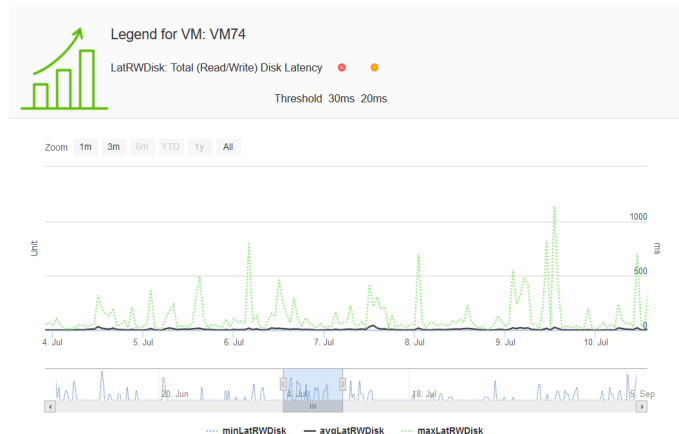
Quick zoom on critical VMs



Visual identification of the source of the problem:

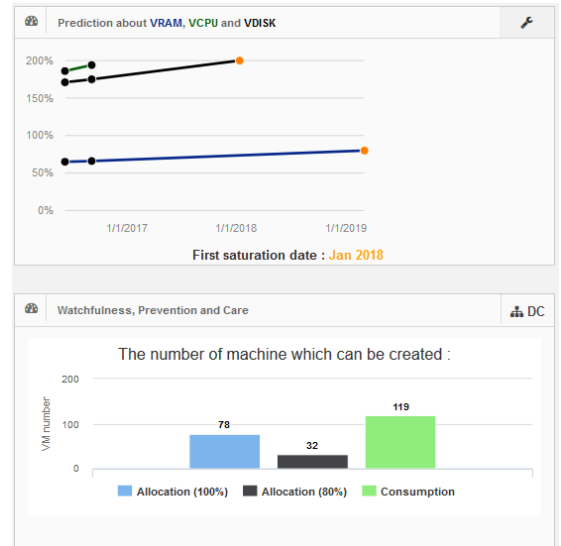
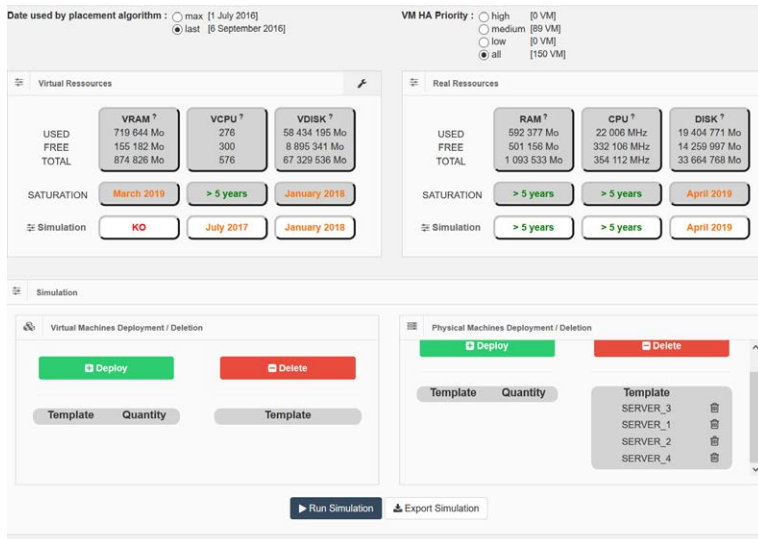
DESCRIPTION	disk	net
Controls failed	0	0
Total latency	10066	6003

Instant access to detail information to solve the problem:



Capacity planning is a key element for the control of your virtual infrastructure.

Capacity planing in DC Scope is intuitive and easy to use. DC Scope meets your particular requirements aiming to foresee resource issues, justify investment plans, project the capacity for new projects or simulate your Business Continuity Plan.



FORECAST YOUR RESOURCE SATURATION DATES

DC Scope provides specific information of the moments of highest saturation of resources in your virtual infrastructure.

The moments of saturation are determined through a linear regression applied to each resource.

DC Scope allows you to justify your investments by providing with accurate data.

EVOLUTION IN YOUR VIRTUAL INFRASTRUCTURE

Simulate the addition or removal of physical or virtual resources in different customizable profiles.

Do you have a project? Identify if your infrastructure has the capabilities to develop it.

DC Scope allows you to combine multiple simulations: add VMs and physical servers to support the load.

BUSINESSCONTINUITY PLAN (BCP)

With DC Scope you can simply validate the Business Continuity Plan of your business.

Perform simulations based on your own risk levels: lost of an isolated server, a block of servers, etc. according to the level of yo VMs priorities (VM HA priority).

Summarised guide

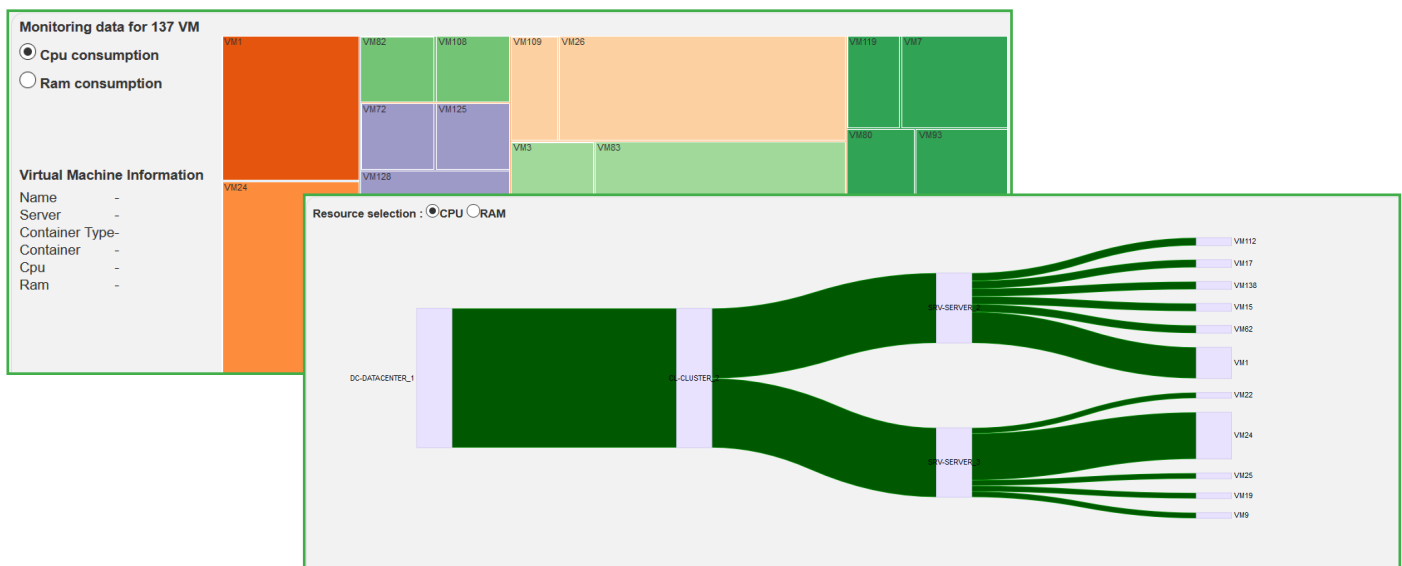
DC Scope allows you to effortlessly exploit all the capabilities of VMware.

- Recommendations adapted to all your needs: VMs unused to eliminate or resize.
- Visualization tools to identify in detail the consumption of resources in your virtual infrastructure.

The screenshot shows the 'Recommendation' page in DC Scope. It features several summary cards: 'MANAGING TOOLS' (48), 'OVER COMMITMENT RATE' (107%), 'VIRTUAL PROCESSORS' (41%), 'RESIZING MEMORY' (-10%), 'LIFE CYCLE & RESOURCES' (46 - CPU 809 MHz, RAM 43 Go, DISK 46 Go), and 'LIFE CYCLE & BEHAVIOR' (150 - RUN 137, OFF 13, DEL 35, ZOMBIE 21, IDLE & LAZY (RUN) 27, BUSY & UNDER (RUN) 0). Below these is a table of detailed information for 17 VMs.

VIRTUAL MACHINE	ACTION SHOULD BE APPLIED	REALLOCATION MODE	COMMENT	HOST NAME	RAM ALLOCATED (Mo)	RAM RESERVED (Mo)	RAM CONSUMED (Mo)	RAM ACTIVE (Mo)	RAM ACTIVE (MAX Mo)
VM101	set RAM allocation to 3072 Mo	secure	none	SERVER_4	4096	0	2142	49	1269
VM109	set RAM allocation to 7168 Mo	secure	none	SERVER_7	8192	0	6036	1555	6144
VM112	set RAM allocation to 3072 Mo	aggressive	none	SERVER_2	4096	0	4003	357	2129
VM114	set RAM allocation to 3072 Mo	secure	none	SERVER_6	4096	0	3029	65	1679
VM119	set RAM allocation to 3072 Mo	secure	none	SERVER_4	8192	0	1320	236	2100
VM122	set RAM allocation to 3072 Mo	aggressive	none	SERVER_4	4096	0	4091	637	2668
VM124	set RAM allocation to 3072 Mo	aggressive	none	SERVER_7	4096	0	4002	461	2703
VM139	set RAM allocation to 2048 Mo	aggressive	none	SERVER_4	4096	0	4073	108	2048
VM144	set RAM allocation to 4096 Mo	aggressive	none	SERVER_9	8192	0	7976	226	3522
VM145	set RAM allocation to 6144 Mo	aggressive	none	SERVER_9	12288	0	12027	1323	5898
VM147	set RAM allocation to 1024 Mo	aggressive	none	SERVER_6	2048	0	1957	129	634
VM148	set RAM allocation to 2048 Mo	secure	none	SERVER_1	4096	0	1830	119	532
VM154	set RAM allocation to 5120 Mo	secure	none	SERVER_1	6144	0	1602	58	4608
VM16	set RAM allocation to 1024 Mo	secure	none	SERVER_6	2048	0	685	30	327
VM17	set RAM allocation to 1024 Mo	aggressive	none	SERVER_2	3072	0	2977	22	399
VM39	set RAM allocation to 3072 Mo	aggressive	none	SERVER_5	4096	0	3868	277	2785
VM41	set RAM allocation to 2048 Mo	aggressive	none	SERVER_1	4096	0	4002	184	1228
VM6	set RAM allocation to 1072 Mo	non-aggressive	none	SERVER_5	2048	0	1860	60	652

DC Scope instantly provides visual tools that identify the operations needed to optimize the resources in your virtual infrastructure.



Through the use of DC Scope, discover additional functions such as power consumption analysis, storage, multiple V-Center, filter management and many more...



**START YOUR DC SCOPE
FREE TRIAL**

<http://www.easyvirt.com/en/dc-scope-installation/>

Contact us !

**contact@easyvirt.com
www.easyvirt.com**