



oVirt and its community

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September 2021



oVirt 2021

Online conference

September 14th, 2021

The project



10 years of oVirt as you know it

oVirt

Open Virtualization Manager

Welcome to Open Virtualization Manager.

Version 3.0.0_0001

Portals

Administrator Portal (no SSL)

Reports Portal

Administrator Portal

User Portal

oVirt Node Hypervisor 2.3.0-1.0.fc16

Install Hypervisor 2.3.0-1.0.fc16

oVirt Node Hypervisor 2.3.0-1.0.fc16
localhost.localdomain

Status

Network
Security
Keyboard
SNMP
Logging
Kernel Dump
Remote Storage
CIM
Monitoring
oVirt Engine

Networking: Not Connected

Logical Network	Device	MAC Address
-----------------	--------	-------------

Logs: Local Only

Running VMs: 0

Press F8 For Support Menu

<Lock> <Log Off> <Restart> <Power Off>

oVirt Open Virtualization Manager

Search:

Cluster: datacenter.name = Default

Tree

Expand All Collapse All

System

Default

Storage

Templates

Clusters

Default

Clusters

New Edit Remove

Name	Compatibility Version	Description
Default	3.0	The default server cluster

About

oVirt Enterprise Virtualization Engine Manager Version: 3.0.0_0001-1.6.fc16

Close

Bookmarks

Tags

Last Message: 2021-Jun-07, 16:24:59 User admin@internal logged in.

0 Alerts

Events

Browser Firefox version 78 is currently not supported.

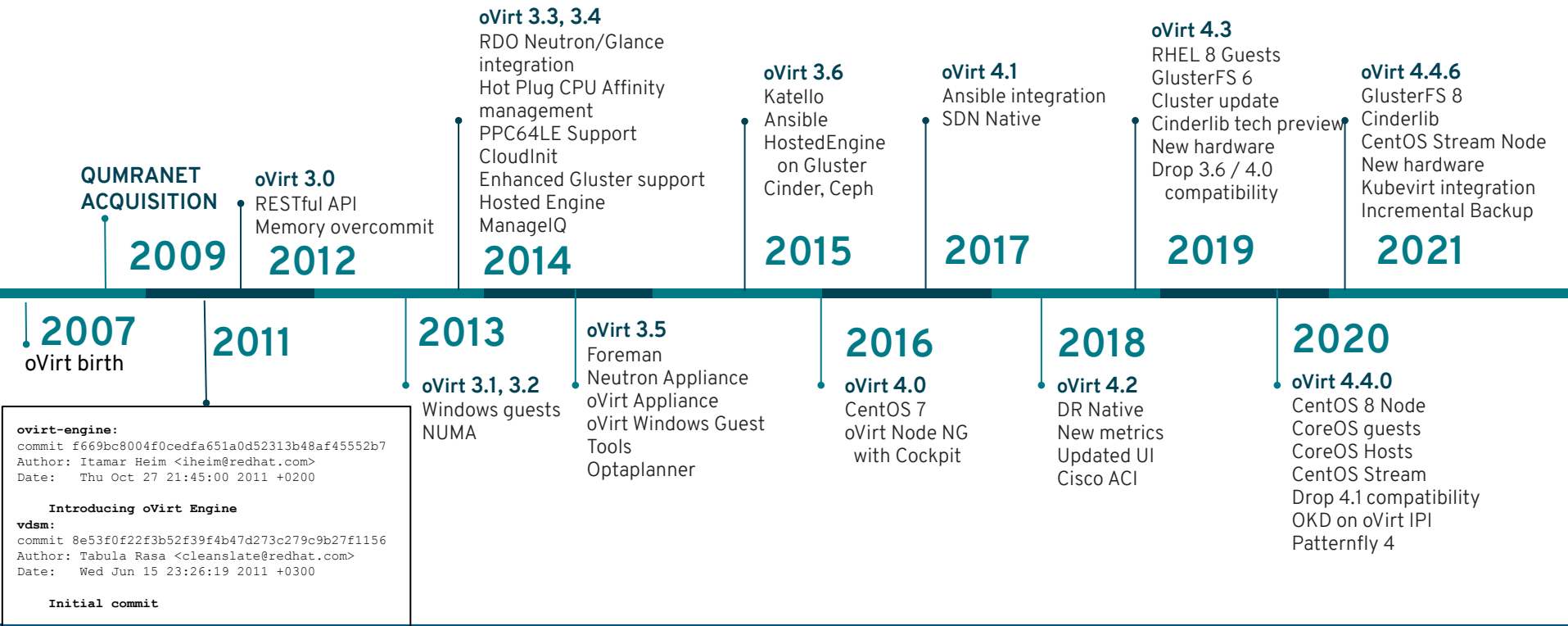
oVirt

10 years of oVirt as you know it

The collage illustrates the oVirt user experience across different versions and states:

- oVirt Node Next 4.4 Installation:** A screenshot of the initial setup screen. It says "WELCOME TO OVIRT NODE NEXT 4.4." and asks for a language. A list of languages is shown, including English, Afrikaans, and others. Below this, a login screen for "oVirt Node 4.4.6" is visible, with fields for "User name" and "Password".
- oVirt Dashboard (Version 4.4.0-1el8):** A screenshot of the main dashboard. It features a navigation menu on the left with options like "Portals", "Downloads", and "Technical Reference". The main area shows a summary of system resources: 1 Data Center, 1 Clusters, 2 Hosts, 1 Data Storage Domains, 3 Virtual Machines, and 23 Events. Below this, there are three circular gauges for "Global Utilization": CPU (100% available), Memory (53.7 of 62.4 GB available), and Storage (0.0 of 0.2 TiB available). Each gauge has a corresponding bar chart below it.
- oVirt Performance Metrics:** A screenshot of the "Performance Metrics" page. It shows detailed resource usage for "CPU", "Memory", and "Disks". The CPU section shows "2 CPUs" and "1%". The Memory section shows "RAM 18.3 GiB available". The Disks section shows a list of disks with their read/write speeds and free space. A table of services and their used space is also displayed.

10 years of oVirt as you know it

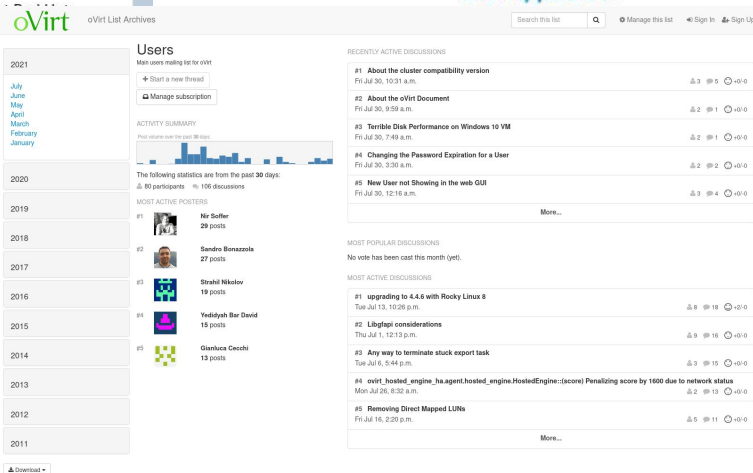


The making of oVirt project

oVirt

oVirt Survey Spring 2021

As we continue to develop oVirt 4.4, the Development and Integration team would value insights on how you are deploying the oVirt environment. Please help us to hit the mark by completing this short survey. Survey 2021. If you're managing multiple oVirt deployments with very different configurations you can consider answering this survey multiple times. The answers to this survey will be publicly accessible. This survey is Policy available at <https://ovirt.org/privacy-policy.html>.



Next, you must pick a product on which to enter a bug:

oVirt: oVirt Virtualization Management Projects

cockpit-ovirt:

For bugs related to cockpit-ovirt.

imgbased:

Tool for a specific LVM usage pattern

mom:

Memory Overcommitment Manager is an agent w

otopi:

oVirt Task Oriented Pluggable Installer/Implements

ovirt-ansible-collection:

oVirt Ansible Collection

ovirt-appliance:

A raw disk or an ova file that you can import to you

The making of oVirt project

Status: NEW, VERIFIED, ASSIGNED, MODIFIED, ON_DEV, ON_QA, RELEASE_PENDING, POST Classification: ovirt Target Milestone: ovirt-4.4.8

Show <input type="text" value="25"/> entries Search: <input type="text"/>										
ID	Product	Component	Assignee	Status	Resolution	Summary	Changed	Severity	Priority	votes
1947981	ovirt-ansible-collection	hosted-engine-setup	arachman@redhat.com	NEW		hosted-engine --deploy fails using DHCP option at Check engine VM health	2021-06-16 06:56:39 UTC	high	unspecified	0
1819186	ovirt-engine	BLL.Storage	bkhizgiy@redhat.com	NEW		uploaded image size is not aligned to 4k in db	2021-07-19 06:08:33 UTC	high	high	0
1913764	vdsm	General	vjuranek@redhat.com	NEW		GlusterFS - Failing to assign new Master SD within the same storage type leads to infinite (or long) reconstruction	2021-07-13 11:38:24 UTC	high	high	0
1986299	ovirt-provider-ovn	provider	amusil@redhat.com	ASSIGNED		Ship new ovirt-provider-ovn + python3-ovsdbapp-0.17.5 in RHV 4.4.8	2021-07-27 09:04:04 UTC	high	unspecified	0
1949470	vdsm	General	rbednar@redhat.com	ASSIGNED		Limit the number of pivot retries	2021-07-25 12:32:11 UTC	high	unspecified	0
1949475	vdsm	General	rbednar@redhat.com	ASSIGNED		If pivot failed during live merge, top volume is left illegal, requires manual fix if vm is stopped	2021-07-26 10:09:30 UTC	high	unspecified	0
1975926	ovirt-engine	BLL.Storage	nsoffer@redhat.com	ASSIGNED		hosts become 'NonOperational' after disconnect the storage server's network.	2021-07-27 07:05:24 UTC	high	high	0
1953434	ovirt-engine-sdk-python	Build	oliel@redhat.com	ASSIGNED		Travis broken for python-sdk broken	2021-06-17 08:44:40 UTC	high	high	0
1987295	ovirt-engine	BLL.Storage	eshenitz@redhat.com	POST		Setting host to 'maintenance' will be blocked when there are image transfers with status different then 'paused'	2021-07-29 13:01:55 UTC	high	unspecified	0
1674742	ovirt-engine	Frontend.WebAdmin	ljelinko@redhat.com	POST		Custom Properties silently removed when changing VM cluster	2021-07-29 08:14:13 UTC	high	unspecified	0
1963083	ovirt-engine	Backup-Restore.VMs	eshenitz@redhat.com	POST		[RFE] Support storing user data in VM checkpoint entity	2021-07-27 05:41:32 UTC	high	high	0
1892681	vdsm	General	nsoffer@redhat.com	POST		[CBT] VM will be corrupted during full backup if the user performs reboot inside guest OS of the VM	2021-07-26 10:03:16 UTC	high	high	0
1923178	ovirt-engine	BLL.Storage	pbar@redhat.com	POST		Can not download VM disks due to 'Cannot transfer Virtual Disk: Disk is locked'	2021-07-22 12:45:02 UTC	high	high	0
1971185	ovirt-imageio	Common	nsoffer@redhat.com	MODIFIED		[RFE] Report zero status in dirty extents response	2021-06-21 12:57:06 UTC	high	unspecified	0
1980315	ovirt-engine-dwh	Setup	didi@redhat.com	MODIFIED		Configure Grafana in hosted-engine setup by default	2021-07-29 09:33:00 UTC	high	high	0

The making of oVirt project

Gerrit	CHANGES	DOCUMENTATION	BROWSE	PROJECTS	status:open project:ovirt-engine					Sign In
Subject	Status	Owner	Assignee	Repo	Branch	Updated	Size	CR	CI	V
core: Remove the limit on CPU sockets	—	Milan Zamazal	—	ovirt-engine	master (many-vcpus)	11:14	M	×	×	—
ost	—	Michal Skrivaneck	—	ovirt-engine	master	09:14	—	✓	✓	—
core: add the 'last_updated' column to 'vm_backups' DB table	—	Pavel Bar	—	ovirt-engine	master (upload_disk_cbt)	00:53	S	×	×	—
restapi: add the 'last_updated' column to 'vm_backups' DB table	—	Pavel Bar	—	ovirt-engine	master (upload_disk_cbt)	Jul 29	XS	×	×	—
restapi: - job polling for entity creation	—	Ori Liel	—	ovirt-engine	master	Jul 29	S	—	✓	—
backend: add auto pinning to DB	Merge Conflict	Liran Rotenberg	—	ovirt-engine	master	Jul 29	M	+1	✓	—
core: allow adding 'description' to VM checkpoint	—	Eyal Shentitzky	—	ovirt-engine	master (CBT_add_backup_description)	Jul 29	S	+1	✓	✓
core: initialize VM checkpoint description	—	Eyal Shentitzky	—	ovirt-engine	master (CBT_add_backup_description)	Jul 29	S	+1	✓	✓
core: allow set host to maintenance if image transfer is idle	—	Eyal Shentitzky	—	ovirt-engine	master	Jul 29	XS	—	✓	—
webadmin: preserve custom properties on cluster change	—	Lucia Jelinkova	—	ovirt-engine	master	Jul 29	M	—	✓	✓
core: allow specifying VM backup description	—	Eyal Shentitzky	—	ovirt-engine	master (CBT_add_backup_description)	Jul 29	S	+1	✓	✓
backend: switch auto pinning to run phase	Merge Conflict	Liran Rotenberg	—	ovirt-engine	master	Jul 29	S	—	✓	—
restapi: add support for virtio-scsi multi-queue number	Merge Conflict	Saif Abu Saleh	—	ovirt-engine	master	Jul 29	S	—	✓	—
webadmin: change SD deactivation error message	—	Mark Kemel	—	ovirt-engine	master	Jul 29	S	—	✓	—
restapi: delete old cinder integration modules from restapi	—	Shani Levim	—	ovirt-engine	master	Jul 29	S	—	✓	—
restapi: remove old cinder integration references from rest	—	Shani Levim	—	ovirt-engine	master	Jul 29	S	—	✓	—
restapi: fix multi-path events subscription in REST	—	Mark Kemel	—	ovirt-engine	master	Jul 29	S	—	✓	—
core: add log messages for changing VM backup phases	—	Eyal Shentitzky	—	ovirt-engine	master	Jul 29	S	—	✓	—
core: fix space validation for MoveOrCopyDiskCommand	—	Benny Zlotnik	—	ovirt-engine	master	Jul 29	S	—	✓	—
engine: change the number of virtio-scsi multi-queue to be configurable	Merge Conflict	Saif Abu Saleh	—	ovirt-engine	master	Jul 29	S	—	✓	—
core: switch to use auto pinning in vmbase	Merge Conflict	Liran Rotenberg	—	ovirt-engine	master	Jul 29	S	—	✓	—
WIP: Fix OVN permissions	—	Ales Musil	—	ovirt-engine	master	Jul 29	S	—	✓	—
webadmin: Preselect bochs for Server VMs	Merge Conflict	Shmuel Melamed	—	ovirt-engine	master	Jul 29	S	—	✓	—
core: log transfer parameters	—	Eyal Shentitzky	—	ovirt-engine	master	Jul 29	S	—	✓	—
core: validate existing entity	Merge Conflict	Liran Rotenberg	—	ovirt-engine	master	Jul 29	S	—	✓	—

Powered by [Gerrit Code Review](#) (2.16.23)

oVirt Jenkins

Dashboard > All >

People

Build History

Project Relationship

Check File Fingerprint

Bulk Builder

Job Config History

Purge Build Queue

Open Blue Ocean

Build Queue (7)

part of jenkins_standard-check-patch_#531

jenkins [check-patch]

part of jenkins_standard-check-patch_#530

jenkins [check-patch]

part of jenkins_standard-check-patch_#5306

jenkins [check-patch]

part of jenkins_standard-check-patch_#5305

jenkins [check-patch]

part of jenkins_standard-check-patch_#5304

jenkins [check-patch]

part of jenkins_standard-check-patch_#5303

jenkins [check-patch]

part of jenkins_standard-check-patch_#5302

Welcome to oVirt Jenkins continuous integration server

For more information about the oVirt project visit <http://www.ovirt.org>

00 Unstable Critical All All Running Jobs Amit Change queue jobs Lago Master branch per project Not merged per project Publishers Stable branch per project

System and Monitoring		oVirt system tests	oVirt-Orb	oVirt-provider-ovn	zz - Gerrit patches jobs					
S	W	Name	Last Success	Last Failure	Last Duration	Node Name	# Issues	Progress		
✓	⚙️	system-mk_mirrors_index-yum	3 min 7 sec - #132889	N/A	2.2 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-ovirt-master-glusterfs-7-testing-el8-x86_64	3 min 48 sec - #1394	N/A	31 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-centos-ovirt-4.2-7.6-el7-x86_64	5 min 48 sec - #1937	N/A	43 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-centos-ovirt-4.3-testing-el7-x86_64	6 min 48 sec - #1642	N/A	57 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-centos-base-el7-x86_64	28 min - #5031	N/A	3 min 37 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-centos-opstools-release-el7-x86_64	30 min - #2854	N/A	46 sec	mirrors	-			
✓	⚙️	system-sync_mirrors-centos-qemu-ev-release-el7-x86_64	35 min - #4477	N/A	35 sec	mirrors	-			
✓	⚙️	ovirt-provider-ovn_standard-check-patch	35 min - #3031 ovirt-provider-ovn [check-patch]	3 days 0 hr - #3016 ovirt-provider-ovn [build-artifacts]	14 min		-			
✓	⚙️	ovirt-master_change-queue	43 min - #2243 get_next_test	3 yr 1 mo - #25059	51 sec		-			
✓	⚙️	deploy-to_ovirt-master_tested	44 min - #16896	N/A	57 sec	N/A	-			

The making of oVirt project



Projects > ovirt-engine

ovirt-4.4

Total source content: 478,586 words

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Languages 10 Documents 17

Languages

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oVirt

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oVirt User Documentation

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[Upgrade Guide](#)

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[Introduction to the VM Portal](#)

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[Disaster Recovery Guide](#)

[oVirt Gluster Hyperconvergence Guide](#)

[Overview of Networking in oVirt](#)

API / SDK / Ansible

[oVirt Ansible Roles](#)

Release Notes

[Latest Release Notes](#)

[oVirt 4.4.7](#)

[Previous Release Notes](#)

[oVirt 4.4.6](#)

[All Releases](#)

The making of oVirt project



oVirt roadmap

January 2021

“

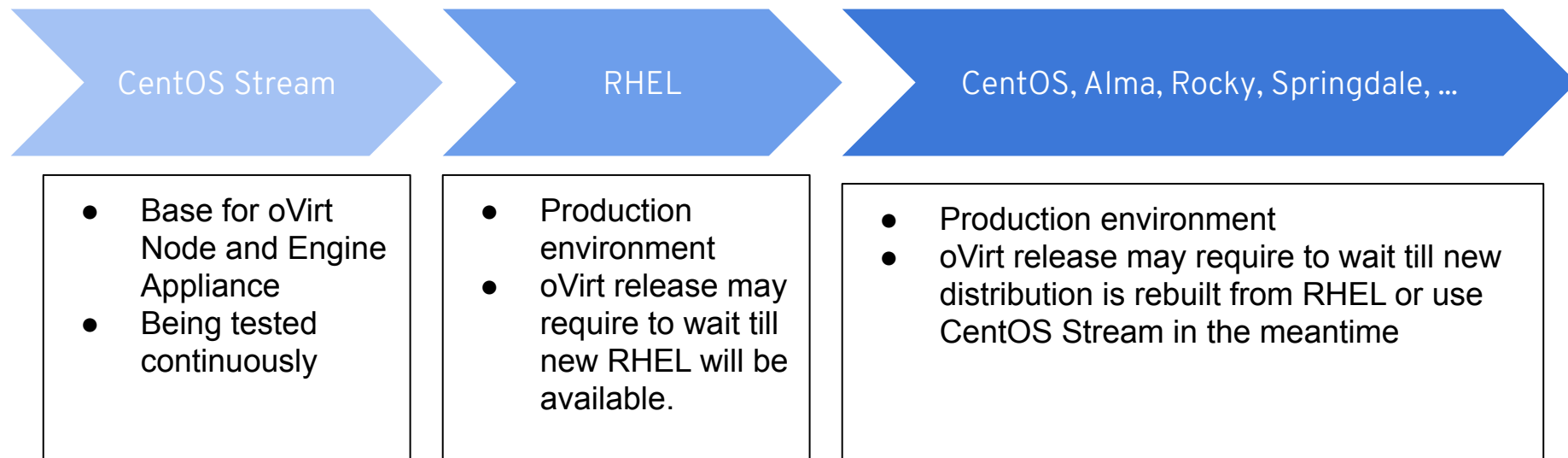
back on the beginning of oVirt 4.4 we switched the development model by introducing new non-substantial features directly within 4.4 maintenance releases.

So, right now we're missing substantial features to be planned to justify a new 4.5 version.

You're welcome to join and contribute to help shaping the project's roadmap.

„

oVirt, CentOS, RHEL and ...



If the OS vendor/community is also providing an oVirt downstream you should consider using it

Above represents only oVirt expectations and not those from individual operating systems communities
This is accurate now, may change in the future

oVirt 4.4



CentOS Stream 8



Ansible 2.9.24



Gluster 8.5



WildFly 23.0.2

CentOS Virtualization SIG Advanced Virtualization



QEMU-KVM 6.0



Libvirt 7.5

Above represents only oVirt status at August 20th

oVirt 4.5



CentOS Stream 8
CentOS Stream 9



Gluster 10.x (?)



Ceph Quincy (?)



ARM64 support (?)

Intel Cooper Lake processors family

oVirt community updates

A Global Community



Global: 1657(+4.4%) - Myanmar: 529(-1.5%) - Italy: 305(+7.0%) - Korea: 223(+3.7%)
Malaysia: 120(+6.2%) - India: 90(-1%) - Philippines: 41(+2.5%) - Vietnam: 1 (NEW!) - China: unknown (NEW!)

Products based on oVirt



ORACLE®

Add
Your company
here!

Who's using oVirt? User stories

Caltech



oVirt



vinchin

Share your story on

<https://github.com/oVirt/ovirt-site/issues>

Who's using oVirt (or derivatives) in the world?

Disclaimer: the following is based on data analysis of oVirt user mailing list on Q4 2020 / Q1-Q3 2021 and have not been officially confirmed
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PimaCommunityCollege



ADAGENE



SHS - STAHL-HOLDING-SAAR

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TÜBINGEN



LEEDS BECKETT UNIVERSITY



GENICON



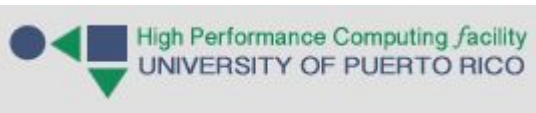
UNIVERSITÀ DELLA CALABRIA

American University in Bulgaria



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Istituto Nazionale di Fisica Nucleare





Thank you!

<https://ovirt.org/>

users@ovirt.org

 @ovirt