

# RHEL/Centos 8.2 Release Note

1. RHEL / Centos 8.2 ☐ ☐ ☐ ☐ ☐

□□□□   □□□   □□   □□□   □□□□   □□□   ,   □□   □□□□   □□   □□   □   □□□   □□□□   □□

□□

1. 

--	--	--

--	--

□□	□□
□□	□□
20.4	4.18 .0- 193

2. 

--	--	--	--	--	--

1. 

--	--	--

--	--

1. skopeo

1. sync ☐ ☐ - ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
2. login / logout ☐ ☐

## 2. container.conf

1. `cat /usr/shae/containers/containers.conf, /etc/containers/containers.conf`
2. `root-less : $HOME/.config/containers/containers.conf`

3. podman ☐ ☐ ☐



1. podman system reset : podman [ ] [ ] [ ]
4. rsyslog [ ] [ ]
  1. omhttp [ ] [ ] HTTP REST API [ ] [ ] [ ]
  2. [ ] [ ] multi thread [ ] [ ] [ ] [ ]
5. sudo [ ] [ ]
  1. stdout / stderr [ ] pam [ ] [ ] [ ] [ ] .
6. nftables [ ] [ ]
  1. python [ ] api [ ] python3-nftables [ ] [ ]
  2. ip [ ] [ ] x.x.x.x/24 [ ] x.x.x.10-x.x.x.20 [ ] [ ] [ ] [ ]
7. whois [ ] [ ] [ ] [ ] [ ] [ ] ip [ ] [ ] [ ]
8. Intel OPA(Omni-Path Architecture) [ ] [ ] [ ] [ ]

2. 

--	--

--	--	--	--

1. tc eBPF
2. GCrout V2
  - 1. CPU
  - 2. TCP
  - 3. I/O
3. LVM
  - 1. dm-cache dm-writecache
  - 2. dm-cache : /
  - 3. dm-writecache : , SSD PMEM
4. nfs per-op
5. pcs
  - 1. pcs resource disable --simulate :
  - 2. pcs resource disable --safe : fail-over
  - 3. pcs resource disable --safe --no-strict :
6. pcs
  - 1. pcs resource relations :



2. pcs dr : backup 备份 数据 备份 数据 备份 数据

active 备份 数据 备份 数据 备份 数据

3. 备份 数据 fail-back 备份 数据 备份 数据 备份 数据

备份 数据 备份 数据 备份 数据

4. 备份 数据 备份 数据 备份 数据 备份 数据

## 7. samba

1. python2 备份 数据

2. ctdbd 备份 数据 CPU thread 90% 备份 数据

## 8. Wayland 备份 数据 - multi GPU 备份 数据

## 9. Cockpit 备份 数据

1. 15 备份 数据 备份 数据 备份 数据 备份 数据

(/etc/cockpit/cockpit.conf 备份 数据 timeout 备份 数据 )

2. SSH 备份 数据 备份 数据 备份 数据 备份 数据

(/etc/cockpit/cockpit.conf 备份 数据 备份 数据 )

## 10. 备份 数据 备份 数据

1. 备份 数据 备份 数据 备份 数据 libvirt 备份 数据

2. 备份 数据 备份 数据 LVM 备份 数据 iSCSI 备份 数据

3. Intel Platinum 9200 备份 数据 KVM 备份 数据

备份 数据 备份 数据

## 11. 备份 数据 备份 数据 (/etc/containers/registries.conf)

## 2. 备份 数据

1. NVMe 备份 数据 Hotswap 备份 数据 (备份 数据 4.18.0-193.13.2 备份 数据 )

2. kvm.nx\_huge\_pages\_recovery\_ratio= [KVM]

备份 数据 备份 数据 4Kib 备份 数据 备份 数据 (0 备份 数据 备份 数据 , 1 备份 数据 (备份 数据 )

备份 数据 备份 数据 1/N 备份 数据

3. page\_alloc.shuffle=

备份 数据 备份 数据 备份 数据 备份 数据 备份 数据 备份 数据

4. panic print =

备份 数据 备份 数据 备份 数据 备份 数据 备份 数据 备份 数据

0 : 备份 数据 备份 数据

1 : 备份 数据 备份 数据

3: 备份 数据 备份 数据

3: CONFIG\_LOCKDEP 备份 数据 备份 数据 备份 数据 lock 备份 数据

4: ftrace 备份 数据 备份 数据



5: printk 000 00 00 000 00

5. tsx =

Intel 00000 TSX00 00

on : TSX 00 000

off : TSX00 0000 (000 0)

auto : TSX0 00 00 000000 , 000 000 TSX000

6. tsx\_async\_abort =

TAA; TSX Async Abort 000 000 00

00 CPU0000 00 00 000 0000 000 00

full : TSX0 0000 00 CPU00 TAA000 00

full,nosmt : 000 CPU000 TAA000 00000 , 00 00000 (SMT)0  
00000

off : 000 TAA000 0000 (mds=off0 000 00 0)

7. intel\_iommu = sm\_on (000 off)

Intel IOMMU0000 DAR;Direct Memory Access Remapping 0000

8. mds =

full : 00

off : TAA 000 00 00000 MDS0 OFF000 000 CPU0000  
0000 (0000 000 tsx\_async\_abort=off00 0000 0)

9. mem\_encrypt=

AMD 00 000 000 (SME) 00 , OFF000 000 000 0000 000

CPU000 00000 00

10. max thread

fork 000 000 0 00 00 0000 00

3. 00 00

1. qdisc\_run 00 lock0 00 00 00 00

pfifo\_fast0000 00000 0000 0000 000000 0000 00  
00

2. tcp\_wrappers 00 00

/etc/hosts.allow, /etc/hosts.deny 000 tcp\_wrapper000 00 00

3. SCSI 000000 000 000 00

00 SCSI 00000 RHEL(Cehtos)70000 00 00 0000 0000 ,

HBA0 vPort00 00000 0 00 .

000 00000 00



4. make ☐ ☐☐☐☐ ☐☐

5. Wayland

The image shows six vertical rods (tens blocks) and two vertical units (ones blocks), representing the number 62.

6. Intel 10<sup>th</sup> Gen CPU

10□ Intel □□□□□□ VM □□ □

7. RHEL7 [ ] [ ] [ ] [ ]    RHEL8 VM [ ] [ ]    [ ] [ ]    [ ] [ ]    [ ] [ ]    [ ] →

QXL□□□□      □□□      □□      □□      □□

8.         quay.io

3.   /   

python	3.8
maven	3.6
Hot Sopt JVM JMC	7.1.1
rsyslog	8.19 11.0
audit	3.0-0.14
sudo	1.8.29-3.el8
firewall	0.8



<div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
nftables	0.9.3
php	7.3
GCC Tool set	9
LLVM Tool set	9.0.1
Rust Tool set	1.41
GO Tool set	1.13
grafana	6.3
samba	4.11.2

3.

1.

<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
<div> <div></div> <div></div> </div>	<div>gVNC</div> <div> <div></div> <div></div> </div>



<div> <div></div> <div></div> <div></div> </div>	<div> <div></div> <div></div> </div>
<div> <div></div> <div></div> </div>	<div> <div>Bro</div> <div>adc</div> <div>om</div> <div>Unu</div> <div>MAC</div> <div>MDI</div> <div>O</div> <div></div> <div></div> <div></div> </div>
<div> <div></div> <div></div> </div>	<div> <div>iWA</div> <div>RP</div> <div></div> <div></div> </div>
<div> <div></div> <div>+ </div> <div></div> </div>	<div> <div>DR</div> <div>M</div> <div>VRA</div> <div>M</div> <div></div> <div></div> <div></div> <div></div> <div></div> </div>
<div> <div></div> <div>+ </div> <div></div> </div>	<div> <div>stop</div> <div>poll</div> <div></div> <div></div> <div>cpui</div> <div>dle</div> <div></div> <div></div> </div>
<div> <div></div> <div>+ </div> <div></div> </div>	<div> <div>Rad</div> <div>eon</div> <div>RX5</div> <div>600</div> <div>/</div> <div>RX5</div> <div>700</div> </div>



□□ □□ □□	□□ □
□□ □ + □□	Nvid ia GTX 165 0 / 166 0 (TU 116 / 3D □□ □□ □□ )
□□ □ + □□	Matr ox mga g20 00
□□ □ + □□	ASP EED ast
□□ □ + □□	Intel i915



<div>□□</div> <div>□□</div> <div>□□</div>	<div>□□</div> <div>□</div>
<div>□□</div> <div>□ +</div> <div>□□</div>	<div>stm</div> <div>_ftra</div> <div>ce /</div> <div>cons</div> <div>ole /</div> <div>core</div> <div>/</div> <div>dum</div> <div>my /</div> <div>hear</div> <div>tbea</div> <div>rt</div> <div>□□</div> <div>□□</div>
<div>□□</div> <div>□ +</div> <div>□□</div>	<div>□□</div> <div>Trac</div> <div>king</div> <div>hub</div> <div>□□</div> <div>□□</div> <div>□□</div>
<div>□□</div> <div>□ +</div> <div>□□</div>	<div>Devi</div> <div>ce</div> <div>DAX</div> <div>□□</div> <div>□□</div>
<div>□□</div> <div>□ +</div> <div>□□</div>	<div>PME</div> <div>M</div> <div>DAX</div> <div>□□</div> <div>□□</div>
<div>□□</div> <div>□ +</div> <div>□□</div>	<div>Intel</div> <div>RAP</div> <div>L</div> <div>□□</div>
<div>□□</div> <div>□□</div>	<div>MD</div> <div>clus</div> <div>ter</div>



2. 

--	--	--	--

--	--	--	--

<div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div></div>
VM war e vmx net3	1.4.17.0-k
Intel 10G virtu al	4.1.0-k-rh8
Intel 10G PC-E	5.1.0-k-rh8
Intel Ethe rnet E80 0 <div><div></div><div></div></div>	0.8.1-k
NFP <div><div></div><div></div></div>	4.18.0-185
Elas tic Net wor k Ada pter	2.1.0k
HPE wat chd og	2.0.3



□□ □□ □□	□□ □□ □□
Intel I/OA T DMA	5.0. 0
Emu lex Ligh tPul se Fibr e Cha nnel SCSI	0.12 .6.0. 2
LSI MPT Fusi on SAS 3.0	32.1 00.0 0.00
HP Sma rt Arra y Con troll er	3.4. 20- 170- RH4
QLo sic Fibr e HBA	10.0 1.00 .21. 08.2 -k



□□	□□
□□	□□
□□	□□
QLo gic Fast LinQ 4xx x FCo E	8.42 .3.0
QLo gic Fast LinQ 4xx x ISCS I	8.37 .0.2 0
Bro adc om Meg aRAI D SAS	07.7 10.5 0.00 -rc1

## reference

- [https://access.redhat.com/documentation/en-us/red\\_hat\\_enterprise\\_linux/8/html-single/8.2\\_release\\_notes/index](https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/8/html-single/8.2_release_notes/index)

---

Revision #2

Created 8 July 2022 18:02:33 by artop0420

Updated 24 December 2023 00:23:11 by artop0420