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Tiempo empleado 3 horas 3 minutos

Puntos 41,17/60,00

Calificación 6,86 de un máximo de 10,00 (69%)

Pregunta 1

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Without using additional tools, what information can Linux Virtual Server use to describe which packets it should forward to another node? (choose TWO correct answers)

Seleccione una o más de una:

- a. The target IP address and TCP or UDP port of the packet. ✓
- b. The layer 7 protocol (e.g. HTTP or SMTP) used in the packet
- c. The interface on which the packet arrived at the load balancer ✓
- d. The target URL in case of an HTTP packet.
- e. Fwnarks added to the packet by netfilter.

Respuesta correcta

La respuesta correcta es: The interface on which the packet arrived at the load balancer, The target IP address and TCP or UDP port of the packet.

Pregunta 2

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

In keepalived, what is configured by the configuration option sorry_server?

Seleccione una:

- a. The default virtual host that is assigned to incoming HTTP requests missing a Hosts header before forwarding them to a backend.
- b. The addresses of backend servers that should not be assigned

any new connections.

- c. The addresses of backend servers that were overloaded in the past and should be scheduled with a reduced priority
- d. The address of a server to which requests are redirected in case no real server is available. ✓
- e. The hostnames of the servers that despite the remaining configuration should always be scheduled by the Serial Operation Round Robin algorithm.

Respuesta correcta

La respuesta correcta es: The address of a server to which requests are redirected in case no real server is available.

Pregunta 3

Correcta

Puntúa 1,00
sobre 1,00

 Marcar
pregunta

How does high availability clustering relate to periodic storage backup? (choose TWO correct answers)

Seleccione una o más de una:

- a. Regular backups remain vital as they allow restoration of data that was accidentally deleted or corrupted. ✓
- b. Regular backups become generally unnecessary as any data loss or corruption is automatically recovered by the high availability cluster.
- c. Backups should be located only on the local storage of the cluster nodes and should not be backed up in order to prevent bandwidth congestion.
- d. Regular backups may be limited to the cluster configuration and cluster stale data as this information is sufficient to recover any state of the cluster including data at any time.
- e. Backup procedures may have to be adapted to the cluster to ensure complete and recoverable backups. ✓

Respuesta correcta

La respuesta correcta es: Regular backups remain vital as they allow restoration of data that was accidentally deleted or corrupted., Backup

procedures may have to be adapted to the cluster to ensure complete and recoverable backups.

Pregunta 4

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

Which of the following are Pacemaker components? (Choose TWO correct answers)

Seleccione una o más de una:

- a. pacemaker-isolationd (formerly *fencer*)
- b. pacemaker-controld (formrly *crmd*) ✓
- c. pacemaker-clusterd (formerly *ccmd*)
- d. pacemaker-directord (formerly *keepalived*)
- e. pacemaker –execd (formerly *lrmrd*) ✓

Respuesta correcta

La respuesta correcta es: pacemaker-controld (formrly *crmd*), pacemaker –execd (formerly *lrmrd*)

Pregunta 5

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

Which of the following statements describes the act of fencing in a high availability cluster?

Seleccione una:

- a. Fencing is the accounting and limitation of disk usage on shared storage.
- b. Fencing is the forwarding of incomming network connections to backend servers.
- c. Fencing is the assigment of services to different cluster nodes to avoid interference of the services.
- d. Fencing is the disconnection ot a failed cluster node from any other cluster resources. ✓
- e. Fencing is the automated stop and restart of cluster services that suffer from software errors.

Respuesta correcta

La respuesta correcta es: Fencing is the disconnection of a failed cluster node from any other cluster resources.

Pregunta 6

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

Which of the following HAProxy configuration statements denies Access for requests matching the ACL external_clients?

Seleccione una:

- a. **acl external_clients drop**
- b. **http_request deny if external_clients ✓**
- c. **set response-code 200 acl external_clients**
- d. **request-route external_clients null**
- e. **use_backend none when external_clients**

Respuesta correcta

La respuesta correcta es: http_request deny if external_clients

Pregunta 7

Parcialmente correcta

Puntúa 0,50
sobre 1,00 Marcar pregunta

**Which of the following are valid load balancing algorithms for HAProxy?
(Choose TWO correct answers)**

Seleccione una o más de una:

- a. **destination**
- b. **persistent ✗**
- c. **weightedrr**
- d. **source**
- e. **leastconn ✓**

Respuesta parcialmente correcta.

Ha seleccionado correctamente 1.

La respuesta correcta es: source, leastconn

^

Pregunta 8

Correcta

Puntúa 1,00
sobre 1,00▼ Marcar
pregunta

Which of the following options represents a valid declaration of a backend server with HAProxy?

Seleccione una:

- a. **server server_x 10.1.0.1:80 check ✓**
- b. **host server_x 10.1.0.1:80 cookie server_x**
- c. **target server_x 10.1.0.1:80 via_proxy**
- d. **pool server_x 10.1.0.1:80**
- e. **backend server_x 10.1.0.1:80**

Respuesta correcta

La respuesta correcta es: server server_x 10.1.0.1:80 check

Pregunta 9

Correcta

Puntúa 1,00
sobre 1,00▼ Marcar
pregunta

Which of the following device classes are commonly used STONITH devices?
(Choose THREE correct answers.)

Seleccione una o más de una:

- a. **Blade control devices ✓**
- b. **Local node storage**
- c. **Remote management services like IPMI devices ✓**
- d. **CPU frequency management tools**
- e. **Power Distribution Units, PDUs ✓**

Respuesta correcta

La respuesta correcta es: Remote management services like IPMI devices, Blade control devices, Power Distribution Units, PDUs

Pregunta 10

Correcta

Puntúa 1,00
sobre 1,00

Which pcs subcommand manages which cluster resources may run together on the same nodes?

Seleccione una:

- a. **condition**

 Marcar pregunta

- b. compliance
- c. constraint ✓
- d. collaboration
- e. coexistence

Respuesta correcta

La respuesta correcta es: constraint

Pregunta 11

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following keepalived configuration directives specifies round robin as the load balancing algorithm?

Seleccione una:

- a. lb_algorithm=rr
- b. lb_algo rr ✓
- c. loadbalancer_mode=rr
- d. algorithm= round robin
- e. lb_mode rr

Respuesta correcta

La respuesta correcta es: lb_algo rr

Pregunta 12

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

**Which of the following sections may exist in the Corosync configuration file?
(Choose THREE correct answers)**

Seleccione una o más de una:

- a. totem ✓
- b. heartbeat
- c. pacemaker
- d. quorum ✓
- e. nodelist ✓

Respuesta correcta

La respuesta correcta es: totem, nodelist, quorum

Pregunta 13

Sin contestar

Puntúa como
1,00

 Desmarcar

To improve the availability of a web application, multiple web servers have been set up. Each web server contains a local copy of the web application and all other content needed to serve to the clients. Furthermore, each server runs a local database server, which replicates the contents of the database with the other nodes. An additional node receives all requests to the web application and passes them randomly to one of the available backend servers. Which of the following should be done to further improve the availability of this setup?

Seleccione una:

- a. Since load balancers can not handle HTTP, the web servers should be configured in a failover setup without a load balancer.
- b. One additional node should be added as a dedicated database server which replaces the local database servers on the web servers.
- c. A second load balancer should be added and configured to form a failover cluster with the existing load balancer.
- d. The load balancer should be configured to forward as many requests as possible to one server instead of distributing them randomly.
- e. A quorum disk should be installed on a shared storage which is connected to all cluster nodes.

Respuesta incorrecta.

La respuesta correcta es: A second load balancer should be added and configured to form a failover cluster with the existing load balancer.

Which of the following constraints are supported by Pacemaker? (Choose TWO correct answers.) 

Seleccione una o más de una:

- a. diskspace
- b. order ✓

Pregunta 14

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

- c. file
- d. ipaddress
- e. colocation ✓

Respuesta correcta

La respuesta correcta es: order, colocation

Pregunta 15

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

- . Which directory provides links to Access storage devices by its WWID?

Seleccione una:

- a. /dev/mpio/
- b. /sys/fs/wwid/
- c. /dev/disk/by-id/ ✓
- d. /proc/sys/block/wwid
- e. /dev/wwid/

Respuesta correcta

La respuesta correcta es: /dev/disk/by-id/

Pregunta 16

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta

- Which of the following properties of a DRBD resource are determined by the synchronization protocol? (Choose TWO correct answers)

Seleccione una o más de una:

- a. Size of the volume
- b. Resilience against data loss ✓
- c. I/O latency when writing data ✓
- d. Throughput during device synchronization

Respuesta correcta

La respuesta correcta es: I/O latency when writing data, Resilience against data loss

Pregunta 17

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta**What is the task of the Cluster Logical Volume manager, CLVM?**

Seleccione una:

- a. Keep the logical volumen configuration on a shared storage consistent throughout the cluster nodes. ✓
- b. Ensure non-cluster file systems are only mounted once at a time
- c. Forward incoming TCP connections to a logical service to one of multiple backend nodes.
- d. Allos multiple cluster nodes into several logical groups that are always fenced together

Respuesta correcta

La respuesta correcta es: Keep the logical volumen configuration on a shared storage consistent throughout the cluster nodes.

Pregunta 18

Correcta

Puntúa 1,00
sobre 1,00 Marcar pregunta**Which Pacemaker resource agent manages the OCFS2 cluster stack?**

Seleccione una:

- a. ocf:pacemaker:ocfs2 ✓
- b. ocf:fs:ocfs2d
- c. ocf:heartbeat:cfsd
- d. ocf:Oracle:pcmk
- e. ocf:ocfs2:o2ocb

Respuesta correcta

La respuesta correcta es: ocf:pacemaker:ocfs2

^

Pregunta 19

Correcta

Puntúa 1,00
sobre 1,00▼ Marcar
pregunta

After changing the DRBD configuration files. Which command makes the new configuration effective?

Seleccione una:

- a. drbdmgr refresh
- b. drbdctl reload
- c. drbdconf update
- d. drbdadm adjust ✓
- e. drbddev recreate

Respuesta correcta

La respuesta correcta es: drbdadm adjust

Pregunta 20

Correcta

Puntúa 1,00
sobre 1,00▼ Marcar
pregunta

Which of the following commands can be used to change properties such as the number of node slots or the label of an existing OCFS2 filesystem?

Seleccione una:

- a. crm_edit
- b. o2cbtool
- c. ocfs2tool
- d. ocfs2.setprops
- e. tunefs.ocfs2 ✓

Respuesta correcta

La respuesta correcta es: tunefs.ocfs2

Pregunta 21

Correcta

Puntúa 1,00
sobre 1,00

Which of the following commands creates the GFS2 volume webcontent in the three-node Pacemaker cluster cl1 on the shared disk /dev/sdd1?

Seleccione una:

- a. gfs2_mkfs -t cl1:webcontent -p lock_dlm -j 3 /dev/sdd1 ✓
- b. gfs2_mkfs -c cl1 -d /dev/sdd1 -p pcmk -j 3 webcontent

Marcar pregunta

- c. `gfs2_mkfs -t webcontent -p pcmk:cl1 -j 3 /dev/sdd1`
- d. `gfs2_mkfs -c cl1 -n webcontent -dlm -j 3 -- /dev/sdd1`
- e. `gfs2_mkfs -d /dev/sdd1 -p dlm_inline -j 3 webcontent @cl1`

Respuesta correcta

La respuesta correcta es: `gfs2_mkfs -t cl1:webcontent -p lock_dlm -j 3 /dev/sdd1`

Pregunta 22

Correcta

Puntúa 1,00
sobre 1,00

Marcar pregunta

Which of the following are tools or services that manage a Linux virtual Server (LVS) setup? (Choose TWO correct answers)

Seleccione una o más de una:

- a. `keepalived` ✓
- b. `roundrobind`
- c. `vserverd`
- d. `lIRECTORD` ✓
- e. `lvproxy`

Respuesta correcta

La respuesta correcta es: lIRECTORD, keepalived

Pregunta 23

Correcta

Puntúa 1,00
sobre 1,00

Marcar pregunta

When setting up a new DRBD resource, what is the state of the underlying disks before the initial synchronization?

Seleccione una:

- a. **Inconsistent** ✓
- b. **Synchronizable**
- c. **Single**
- d. **Empty**
- e. **Raw**

Respuesta correcta

La respuesta correcta es: Inconsistent

Pregunta 24

Correcta

Puntúa 1,00
sobre 1,00

 Marcar
pregunta

What is a requirement to use DRBD in dual primary mode?

Seleccione una:

- a. A third standby-node must be available.
- b. No more than one DRBD resource may run in dual primary mode.
- c. DRBD must be run on top of a corosync cluster
- d. Synchronization protocol C must be used ✓
- e. LVM must be run on top of the DRBD resource.

Respuesta correcta

La respuesta correcta es: Synchronization protocol C must be used

Pregunta 25

Correcta

Puntúa 1,00
sobre 1,00

 Marcar
pregunta

Which of the following statements is true regarding journals of a GFS2 filesystem?

Seleccione una:

- a. The GFS cluster Journal Daemon, GCJD, handles the journaling in a GFS2 cluster.
- b. Each GFS2 filesystem has exactly one journal.
- c. Every node that simultaneously mounts the filesystem requires its own GFS2 journal. ✓
- d. Once a GFS2 filesystem is created, the number of journals cannot be changed.
- e. Journals were heavily used in GFS and are deprecated and optional in GFS2.

Respuesta correcta

La respuesta correcta es: Every node that simultaneously mounts the filesystem requires its own GFS2 journal.

Pregunta 26

Incorrecta

Puntúa 0,00
sobre 1,00▼ Marcar
pregunta**How can the state of the backing storage disks of a DRBD device be checked?**

Seleccione una:

- a. **lsdrbd all**
- b. **drbdadm dstate all**
- c. **smartctl –drbd**
- d. **cat /proc/drbd/status** ✗
- e. **drbdctl health**

Respuesta incorrecta.

La respuesta correcta es: drbdadm dstate all

Pregunta 27

Correcta

Puntúa 1,00
sobre 1,00▼ Marcar
pregunta**Which command is used to manage and process /etc/multipath.conf?**

Seleccione una:

- a. **mpathconf** ✓
- b. **mpmadmin**
- c. **mpedit**
- d. **multipathmgr**
- e. **mdmctl**

Respuesta correcta

La respuesta correcta es: mpathconf

Pregunta 28

Correcta

When using DRBD in a Pacemaker cluster, which Pacemaker configuration objects must be created in order to use the DRBD device as file storage for other cluster services?

Puntúa 1,00

sobre 1,00

 Marcar pregunta

Seleccione una:

- a. A file system resource to mount the device. ✓
- b. A replication resource that synchronizes the DRBD device's data to all nodes that may take over the device after a failover.
- c. A security resource in order to permit other cluster services to Access the data on the DRBD device.
- d. A health resource in order to check the integrity of the file system.
- e. A constraint to ensure the device is mounted before the dependent services are started.

Respuesta correcta

La respuesta correcta es: A file system resource to mount the device.

Pregunta 29

Correcta

Puntúa 1,00

sobre 1,00

 Marcar pregunta

Which of the following commands makes the tagged VLAN 312 on enp0s3 accessible?

Seleccione una:

- a. ip tag add 312 name enp0s3.312 dev enp0s3
- b. ip proto type 802.1Q name enp0s3.312 dev enp0s3
- c. ip link add link enp0s3 name enp0s3.312 type vlan id 312 ✓
- d. ip dev set enp0s3.312 protocol vlan name enp0s3.312
- e. ip vlan add 312 name enp0s3.312 dev enp0s3

Respuesta correcta

La respuesta correcta es: ip link add link enp0s3 name enp0s3.312 type vlan id 312

Pregunta 30

Correcta

Puntúa 1,00

sobre 1,00

Which of the following commands manages traffic shaping on Linux?

Seleccione una:

- a. qdisc

 Marcar pregunta

- b. netlimit
- c. tc ✓
- d. ip
- e. flowtables

Respuesta correcta

La respuesta correcta es: tc

Pregunta 31

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following options stem from the ifcfg file of a bonding master interface?

Seleccione una:

- a. BONDING_MASTER=yes ✓
- b. BOOTPROTO=bond
- c. IP_CMD=bondcfg
- d. SLAVE_INTERFACES="eth0 eth1"
- e. TYPE=Ethernet

Respuesta correcta

La respuesta correcta es: BONDING_MASTER=yes

Pregunta 32

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following LVM commands creates new snapshots?

Seleccione una:

- a. lvcreate ✓
- b. lvsnap
- c. lvcopy
- d. lvfreeze
- e. lvadm

Respuesta correcta

La respuesta correcta es: lvcreate

Pregunta 33

Correcta

Puntúa 1,00
sobre 1,00

▼ Marcar
pregunta

What is the purpose of the command `crm resource unmanage`?

Seleccione una:

- a. Kill the current instance of a resource and restart the resource on another node.
- b. Stop a resource managed by Pacemaker and restart it using systemd.
- c. Delete a resource from the Pacemaker configuration.
- d. Unlock the resource configuration to change resource properties.
- e. Prevent Pacemaker from interacting with the resource, even if it becomes unavailable. ✓

Respuesta correcta

La respuesta correcta es: Prevent Pacemaker from interacting with the resource, even if it becomes unavailable.

Pregunta 34

Correcta

Puntúa 1,00
sobre 1,00

▼ Marcar
pregunta

Which of the following LVM commands adds the new physical volume `/dev/sdj1` to the existing volume group `vg0`?

Seleccione una:

- a. `pvadmin /dev/sdj1 -v vg0`
- b. `pvadd /dev/sdj1 vg0`
- c. `pvedit --volume-group vg0 /dev/sdj1`
- d. `vgconvert --pvs +/dev/sdj1`
- e. `vgextend vg0 /dev/sdj1` ✓

Respuesta correcta

La respuesta correcta es: vgextend vg0 /dev/sdjl

Pregunta 35

Correcta
Puntúa 1,00
sobre 1,00
 Marcar pregunta

How many copies of each data block exist on a RAID 10 device?

Seleccione una:

- a. 2 ✓
- b. 8
- c. 1
- d. 16
- e. 4

Respuesta correcta

La respuesta correcta es: 2

Pregunta 36

Correcta
Puntúa 1,00
sobre 1,00
 Marcar pregunta

Which of the following *mdadm* options are available when creating a new RAID device? (Choose THREE correct answers)

Seleccione una o más de una:

- a. **-filesystem**
- b. **-lvm**
- c. **-raid-devices** ✓
- d. **-level** ✓
- e. **-spare-devices** ✓

Respuesta correcta

La respuesta correcta es: **-level, -raid-devices, -spare-devices**

Pregunta 37

Incorrecta
Puntúa 0,00
sobre 1,00

Which of the following modes for bonding network interfaces sends all packets to the same target link layer address through the same member interface of the bond?

 Marcar pregunta

Seleccione una:

- a. balance-sticky ✗
- b. balanca-mac
- c. balance-rr
- d. balance-ct
- e. balance-xor

Respuesta incorrecta.

La respuesta correcta es: balance-xor

Pregunta 38

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following attribute types are contained in the output of smartctl for a SATA SSD? (Choose TWO correct answers)

Seleccione una o más de una:

- a. Sensor
- b. Pre-fail ✓
- c. CountDown
- d. Flag
- e. Old_age ✓

Respuesta correcta

La respuesta correcta es: Pre-fail, Old_age

Pregunta 39

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following commands displays the MII status of enp0s3?

Seleccione una:

- a. ifadm -m enp0s3
- b. lsmii enp0s3
- c. miidump enp0s3
- d. ethtool enp0s3 ✓

- e. netcat –link enp0s3

Respuesta correcta

La respuesta correcta es: ethtool enp0s3

Pregunta 40

Correcta

Puntúa 1,00
sobre 1,00

 Marcar
pregunta

Which of the following system resources can Monit test? (Choose THREE correct answers)

Seleccione una o más de una:

- a. cpu (system) ✓
- b. cpu (filesystem)
- c. cpu (user) ✓
- d. cpu (wait) ✓
- e. cpu (network)

Respuesta correcta

La respuesta correcta es: cpu (user), cpu (wait), cpu (system)

Pregunta 41

Correcta

Puntúa 1,00
sobre 1,00

 Marcar
pregunta

How can Access to a GlusterFS volumen be limited?

Seleccione una:

- a. By setting the options auth.allow and auth.reject on the volumen. ✓
- b. By enabling RBAC on the volumen and assigning roles to Linux users accessing the volumen.
- c. By setting POSIX ACLs for hosts, as in setfacl -m h:192.168.99.100:rwx /gluster
- d. By configuring Access policies using gluster policy and gluster volumen policy-map
- e. By creating /etc/gluster/allaw and /etc/gluster/deny files on all nodes.

Respuesta correcta

La respuesta correcta es: By setting the options auth.allow and auth.reject on the volumen.

Pregunta 42

Sin contestar

Puntúa como

1,00

 Desmarcar

Which of the following commands create a new RADOS block device named example with a capacity of 10 MiB in the rbd pool? (Choose TWO correct answers)

Seleccione una o más de una:

- a. **rbd create –size 10M rbd/example**
- b. **rbd new example –size 10M rbd**
- c. **rbd create –pool rbd –size 10M example**
- d. **rbd mkdevice –size 10M rbd/example**
- e. **rbd image create rbd/example 10M**

Respuesta incorrecta.

La respuesta correcta es: rbd create –size 10M rbd/example, rbd create –pool rbd –size 10M example

Pregunta 43

Parcialmente correcta

Puntúa 0,67 sobre 1,00

 Marcar pregunta

Which of the following statements are true regarding the handing of a hardware error in a high availability cluster?(Choose THREE correct answers)

Seleccione una o más de una:

- a. Erroneous components are physically turned off as they are in an undefined state. X
- b. The cluster management components monitor the health of all cluster components. ✓
- c. After the cluster deals with an error, no manual actions are required to bring the cluster back to normal operation.
- d. High availability clusters provide automatic recovery from software errors only and cannot mitigate hardware issues.
- e. Services are restarted on or redirected to other cluster nodes. ✓

Respuesta parcialmente correcta.

Ha seleccionado correctamente 2.

La respuesta correcta es: After the cluster deals with an error, no manual actions are required to bring the cluster back to normal operation., Services are restarted on or redirected to other cluster nodes., The cluster management components monitor the health of all cluster components.

Pregunta 44

Incorrecta

Puntúa 0,00
sobre 1,00

▼ Marcar
pregunta

Which of the following commands extends the GlusterFS volumen gv0 by the currently unused brick cl1n4:/data/brick1/gv0?

Seleccione una:

- a. **gluster volumen resize gv0 –add-brick=cl1n4:/data/brick1/gv0**

- b. **gluster volumen grow gv0 +cl1n4:/data/brick1/gv0**
- c. **gluster volumen add-brick gv0 cl14:/data/brick1/gv0**
- d. **gluster volumen rebalance –include cl1n4:/data/brick1/gv0**
- e. **gluster volumen extend gv0 –brick cl1n4:/data/brick1/gv0**

Respuesta incorrecta.

La respuesta correcta es: gluster volumen add-brick gv0
cl14:/data/brick1/gv0

Pregunta 45

Correcta

Puntúa 1,00
sobre 1,00

▼ Marcar
pregunta

Which of the following statements is true about CRUSH maps in Ceph) (Choose TWO correct answers)

Seleccione una o más de una:

- a. CRUSH maps compress the data before it is stored in OSDs
- b. CRUSH maps model the physical layout of the cluster 
- c. CRUSH maps list OSDs by location and contain rules for how to replicate data. 
- d. CRUSH maps are used to authenticate Ceph clients
- e. Each ceph cluster may define multiple CRUSH maps

Respuesta correcta

La respuesta correcta es: CRUSH maps model the physical layout of the cluster, CRUSH maps list OSDs by location and contain rules for how to replicate data.

Pregunta 46

Incorrecta

Puntúa 0,00
sobre 1,00

 Marcar
pregunta

When reconnecting after a Split-brain situation, GlusterFS detects that some files store on the gv0 file system were changed on both sides during the cluster split. Which command lists the affected file?

Seleccione una:

- a. **gluster volumen status gv0 -f file.status=inconsistent** ✗
- b. **gluster volumen diff gv0**
- c. **gluster volumen merge gv0 -check**
- d. **gluster volumen clean gv0 -v -dry-run**
- e. **gluster volumen heal gv0 info**

Respuesta incorrecta.

La respuesta correcta es: **gluster volumen heal gv0 info**

Pregunta 47

Incorrecta

Puntúa 0,00
sobre 1,00

 Marcar
pregunta

Which Ceph component is responsible for maintaining information regarding the cluster state and authentication?

Seleccione una:

- a. **Ceph Supervisor**
- b. **Ceph Master**
- c. **Ceph Manager** ✗
- d. **Ceph Monitor**
- e. **Ceph Leader**

Respuesta incorrecta.

La respuesta correcta es: **Ceph Monitor**

Pregunta 48

Incorrecta

Puntúa 0,00
sobre 1,00▼ Marcar
pregunta

When using cephadm to create a Ceph cluster, which of the following commands creates an OSD on /dev/sdb on host nodel.example.com?

Seleccione una:

- a. **ceph osd add /dev/sdb:nodel.example.com** ✗
- b. **ceph orch daemon add osd nodel.example.com:/dev/sdb**
- c. **ceph init osd nodel.example.com /dev/sdb**
- d. **ceph extend osd --osd=/dev/sbd –node nodel.example.com**
- e. **ceph install nodel.example.com –osd /dev/sdb**

Respuesta incorrecta.

La respuesta correcta es: ceph orch daemon add osd nodel.example.com:/dev/sdb

Pregunta 49

Incorrecta

Puntúa 0,00
sobre 1,00▼ Marcar
pregunta

Which of the following commands creates a snapshot named example for the CephFS mounted at/mnt?

Seleccione una:

- a. **ceph fs snap cephfs example** ✗
- b. **cephfs=snap ==name example**
- c. **touch /mnt/.snap/example**
- d. **ceph snap example /mnt**
- e. **mkdir /mnt/.snap/example**

Respuesta incorrecta.

La respuesta correcta es: mkdir /mnt/.snap/example

Pregunta 50

Correcta

Puntúa 1,00
sobre 1,00

Which of the following commands removes the node cl1n4 from the GlusterFS Trusted Storage Pool (TSP)?

Seleccione una:

- a. **gluster node delete cl1n4**

 Marcar pregunta

- b. **gluster tsp remove cl1n4**
- c. **gluster peer detach cl1n4** ✓
- d. **gluster demote cl1n4**
- e. **gluster brick shutdown cl1n4:***

Respuesta correcta

La respuesta correcta es: gluster peer detach cl1n4

Pregunta 51

Correcta

Puntúa 1,00
sobre 1,00

 Marcar pregunta

Which of the following statements are true about the Ceph BlueStore storage backend? (Choose TWO correct answers.)

Seleccione una o más de una:

- a. Data and journal must be stored in a POSIX compatible file system. ✗
- b. Data, journal and metadata must be stored on individual block devices.
- c. Data, journal and metadata can be on up to three individual block devices. ✓
- d. Data, journal and metadata can be stored on the same block device. ✓
- e. Data and journal can be stored either on a POSIX-compatible file system or a raw block device.

Respuesta correcta

La respuesta correcta es: Data, journal and metadata can be on up to three individual block devices., Data, journal and metadata can be stored on the same block device.

Pregunta 52

Incorrecta

Puntúa 0,00
sobre 1,00

The command ceph health detail creates this output:

HEALTH_ERR 1 pgs inconsistent; 1 scrub errors

Pg 1.13b7 is active+clean+inconsistent, acting [3,1,2]

1 scrub errors

 Marcar pregunta

Which of the following commands can be used resolve the error?

Seleccione una:

- a. ceph pg scrub 1.13b7
- b. ceph clone –pg 1.13b7
- c. ceph pg delete 1.13b7 
- d. ceph repair pgs
- e. ceph pg repair 1.13b7

Respuesta incorrecta.

La respuesta correcta es: ceph pg repair 1.13b7

Pregunta 53

Sin contestar

Puntúa como
1,00

 Marcar pregunta

Which of the following statements are true regarding a quorum disk?

Seleccione una:

- a. It is a local device on each node in a cluster and cannot be put on shared storage.
- b. It is used to determine which nodes are part of a cluster in the event of an outage of a cluster member
- c. It is the central data store on which cluster tunetime data such as user sessions for load balancing is kept.
- d. It is exclusively maintained by one node, typically called quorum master, and is not accessible by other cluster members.
- e. It is used to store log files of operations and changes in the clusters and is not required in normal cluster operations.

Respuesta incorrecta.

La respuesta correcta es: It is used to determine which nodes are part of a cluster in the event of an outage of a cluster member

Pregunta 54

Sin contestar

What is a requirement to use DRBD in dual primary mode?

Seleccione una:

Puntúa como

1,00

 Marcar pregunta

- a. A third standby-node must be available.
- b. Synchronization protocol C must be used
- c. No more than one DRBD resource may run in dual primary mode.
- d. DRBD must be run on top of a corosync cluster
- e. LVM must be run on top of the DRBD resource.

Respuesta incorrecta.

La respuesta correcta es: Synchronization protocol C must be used

Pregunta 55

Sin contestar

Puntúa como

1,00

 Marcar pregunta**How does the command to add a new resource to Pacemaker cluster using crm begin?**

Seleccione una:

- a. crm manage cluster
- b. crm configure resource
- c. crm configure primitive
- d. crm resource new
- e. crm service add

Respuesta incorrecta.

La respuesta correcta es: crm configure primitive

Pregunta 56

Sin contestar

Puntúa como

1,00

 Marcar pregunta**Which of the following statements is true regarding a failover cluster?**

Seleccione una:

- a. Failover clusters always require storage that is shared by all nodes.
- b. In normal operation services may be spread over all nodes.
- c. Failover clusters provide scalability of a service beyond the capacities of one cluster node.
- d. Each service may not be run more than once in a cluster.

- e. The core component of every failover cluster is a load balancer.

Respuesta incorrecta.

La respuesta correcta es: In normal operation services may be spread over all nodes.

Pregunta 57

Sin contestar

Puntúa como

1,00

 Marcar pregunta

What command manages disk-based Split brain detection (STONITH Block Devide / Storage-Based Death) for Pacemaker? (Specify ONLY the command without any path or parameters.)

Respuesta:



La respuesta correcta es: stonith_admin

Pregunta 58

Sin contestar

Puntúa como

1,00

 Marcar pregunta

What LVM command moves all data stored on a specific physical volumen to another physical volumen within the same volumen group? (Specify ONLY the command without any path or parameters.)

Respuesta:



La respuesta correcta es: pvmove

Pregunta 59

Sin contestar

Puntúa como

1,00

 Marcar pregunta

Which command is used to create, view and modify Ceph Keyring Files? (Specify ONLY the command without any path or parameters.)

Respuesta:



La respuesta correcta es: ceph-authtool

Pregunta 60

Sin contestar

Puntúa como
1,00 Marcar pregunta

What command is used to edit and display the running Linux Virtual Server (LVS) configuration? (Specify ONLY the command without any path or parameters)

Respuesta: 

La respuesta correcta es: ipvsadm

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