



HA cluster exporter:

DRBD split-brain metric



Usecase:

Detect when the splitbrain mechanism occurs pro node and pro resource and volume.

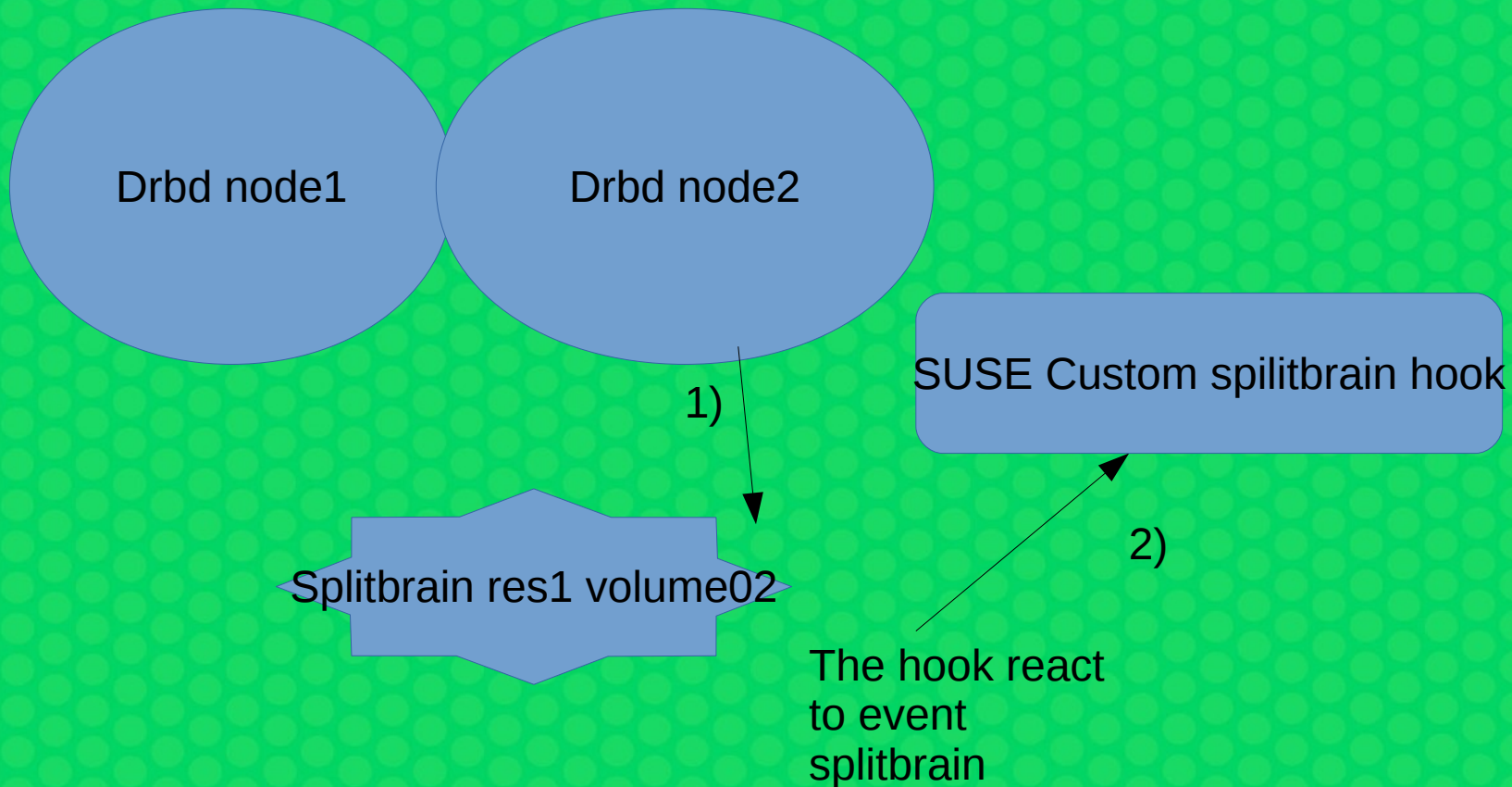
The Ha-cluster exporter will then signal this.

The sysadmin need to resolve splitbrain situation manually



How it works?

High-level Picture:





Configure drbd to react the hook (done automatically by salt)



"/usr/lib/drbd/notify-split-brain-haclusterexporter-suse-metric.sh"

```
#!/bin/bash

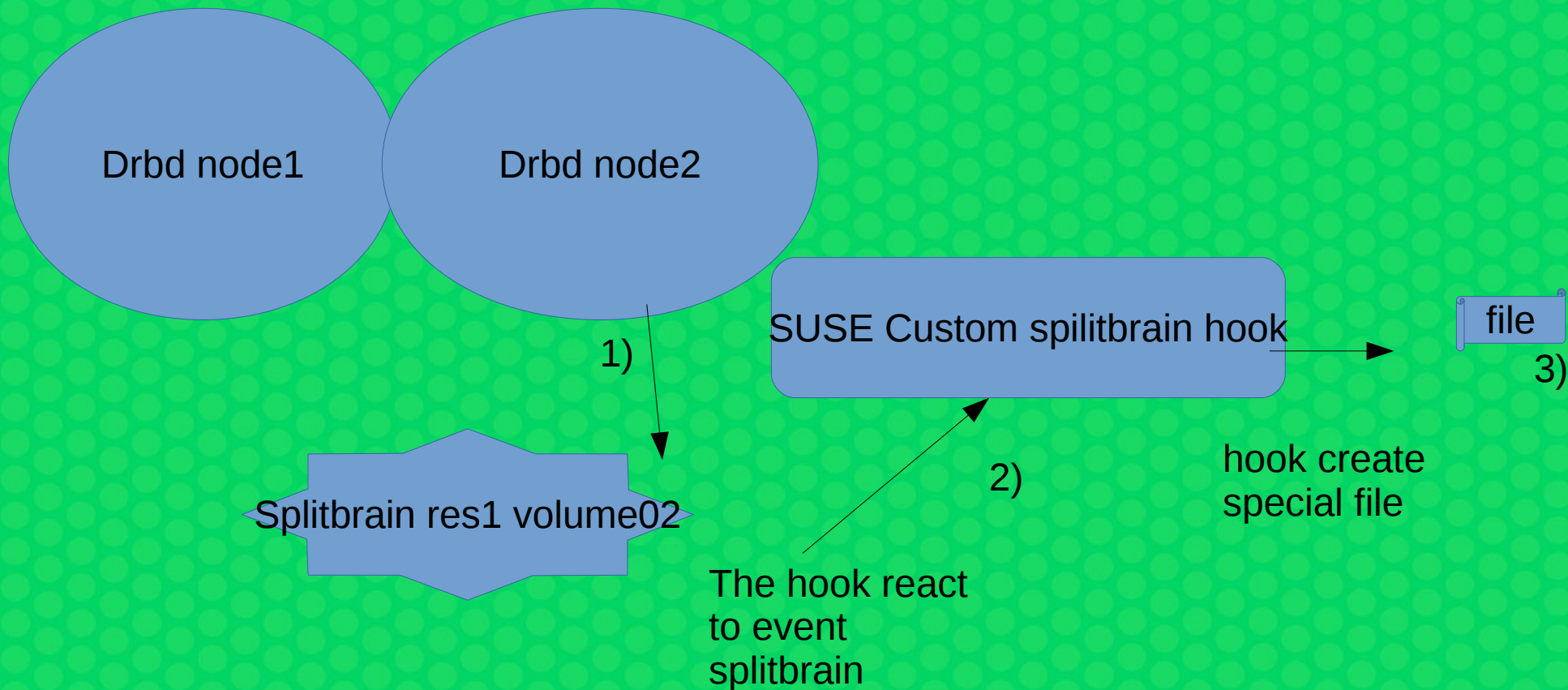
# this is a custom handler for drbd splitbrain
# see upstream doc https://docs.linbit.com/docs/users-guide-8.4/#s-configure-split-brain-behavior

# the main goal of this handler signal via file when the splitbrain mechanism occurs.
# the handler create a simple file which is then tracked by the ha_cluster_exporter https://github.com/ClusterLabs/ha\_cluster\_exporter
# and from this file we create a metrics for detecting splitbrain and monitor it

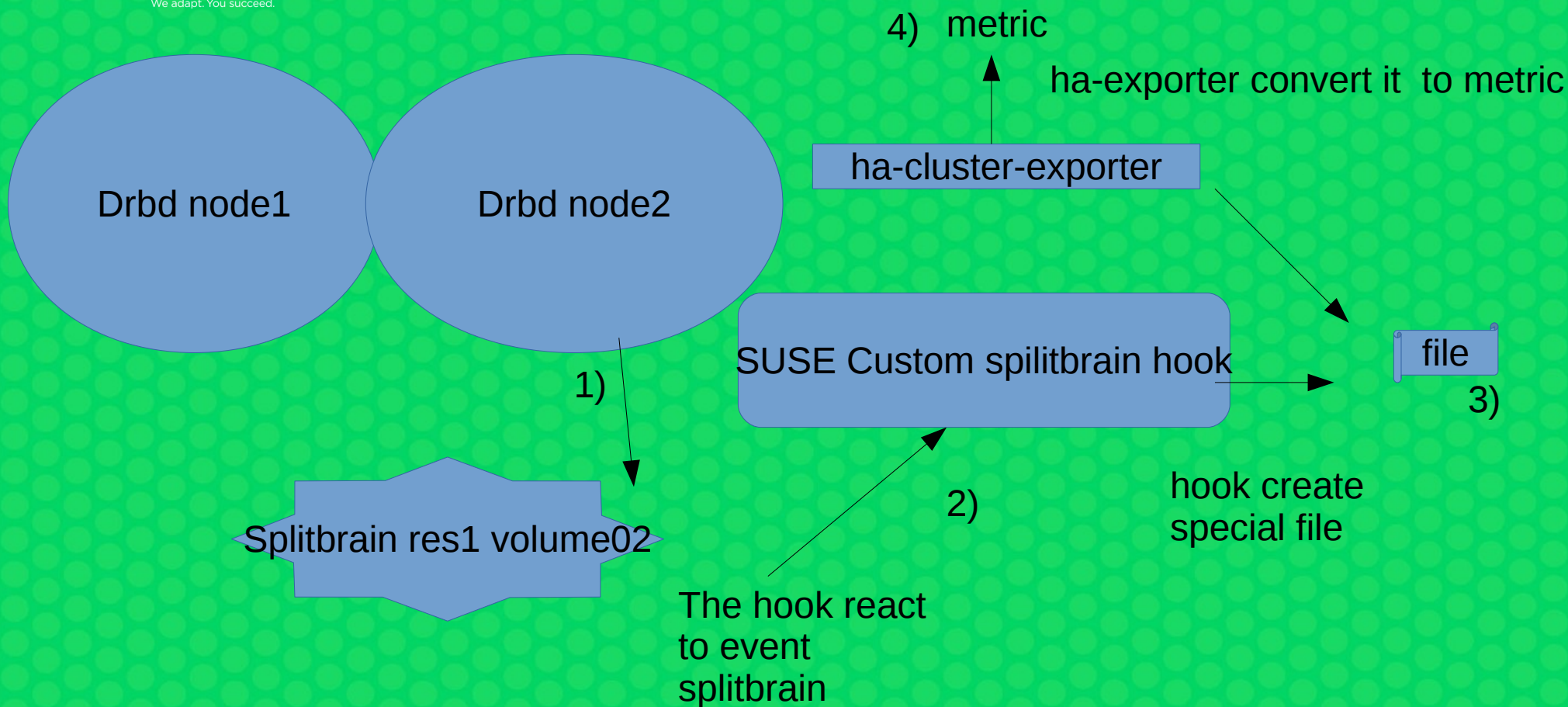
# remember to remove the file once the drbd splitbrain is over, otherwise the exporter will always set the metric of splitbrain to present

TMP_LOCATION="/var/run/drbd/splitbrain"
mkdir -p $TMP_LOCATION
echo "DRBD split-brain detected! Please remove this file once the split-brain is fixed." > ${TMP_LOCATION}/drbd-split-brain-detected-$DRBD_RESOURCE-$DRBD_VOLUME
```

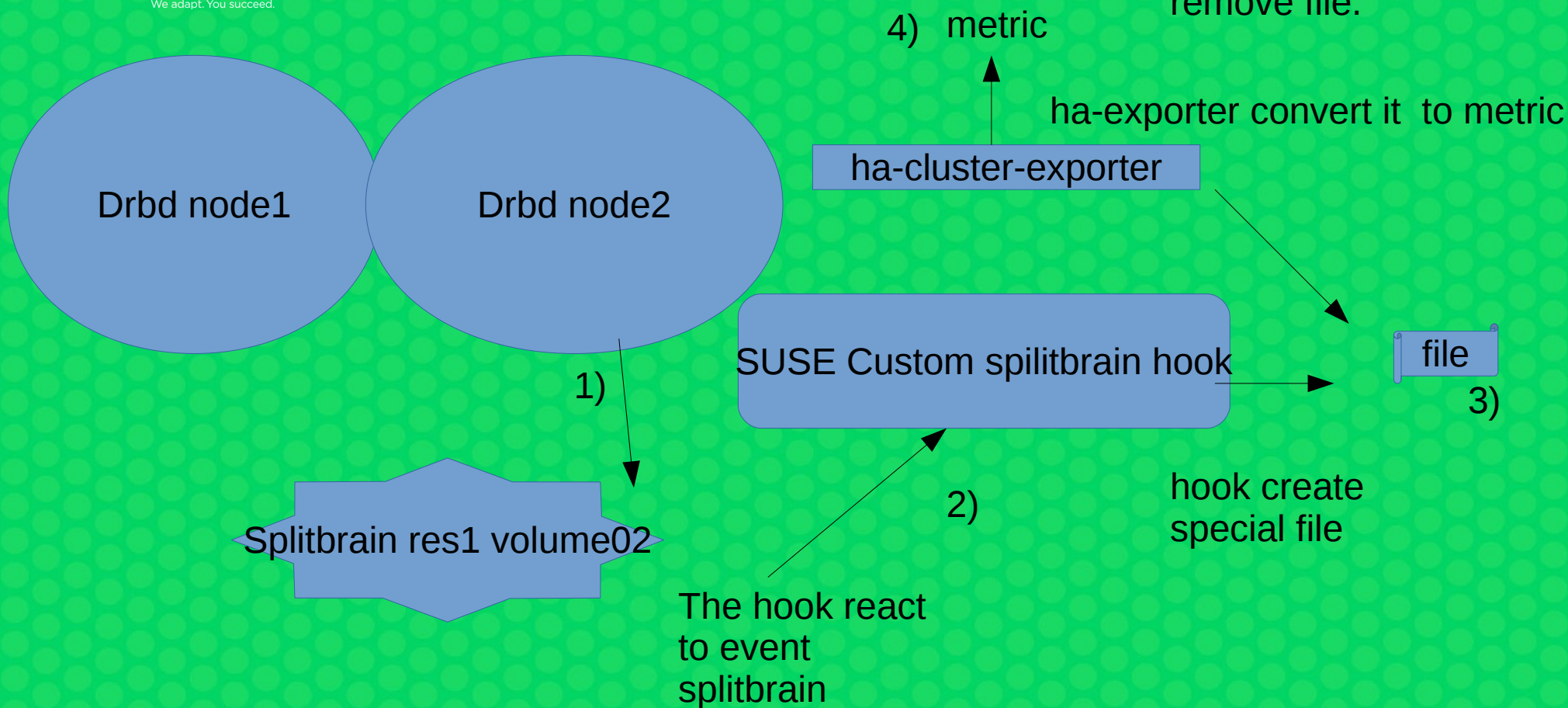

High-level Picture:



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How it looks like the metric:

```
ha_cluster_drbd_split_brain{resource="resource01",volume="vol01"} 1 1234  
ha_cluster_drbd_split_brain{resource="resource02",volume="vol02"} 1 1234
```




The complete documentation is available at:

https://github.com/ClusterLabs/ha_cluster_exporter/blob/master/doc/metric_spec.md#ha_cluster_drbd_split_brain