

Creating a Cluster in 20 minutes

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Who's the speaker?

- Author of "A Practical Guide to Xen HA" (published as a free PDF or in print)
- And 48 other books, including "Pro Ubuntu Server"
- Technical trainer and consultant, specialized in Linux HA, performance and storage

Setting up the Cluster

- Set up the Corosync Cluster Communication Layer: `/etc/corosync/corosync.conf`
- Start the cluster service
- Configure resources, using `crm_gui` or the `crm shell`

Demo

Common problems and errors

- no-quorum policy
- stonith-enabled
- Resource monitoring
- Runlevels
- resource-stickiness

No-quorum policy

- no-quorum-policy
 - ignore
 - freeze
 - stop
 - suicide

No STONITH

- According to the default value of stonith-enabled, no resources will start if no STONITH resources have been defined

Resource Monitoring

- If you don't configure resource monitoring, resource failures after a successful start are never communicated and the cluster always shows the resource as healthy

Starting resources

- When managing a resource in the cluster, you should remove the resource from the runlevels

Resource stickiness

- Default value is 0; resources will be placed optimally in the system and may be moved. Provide a value greater than 0, a higher value indicates a stronger preference for the resource to stay where it is