
Akanda RUG Documentation

Release 0.0

DreamHost

Sep 27, 2017

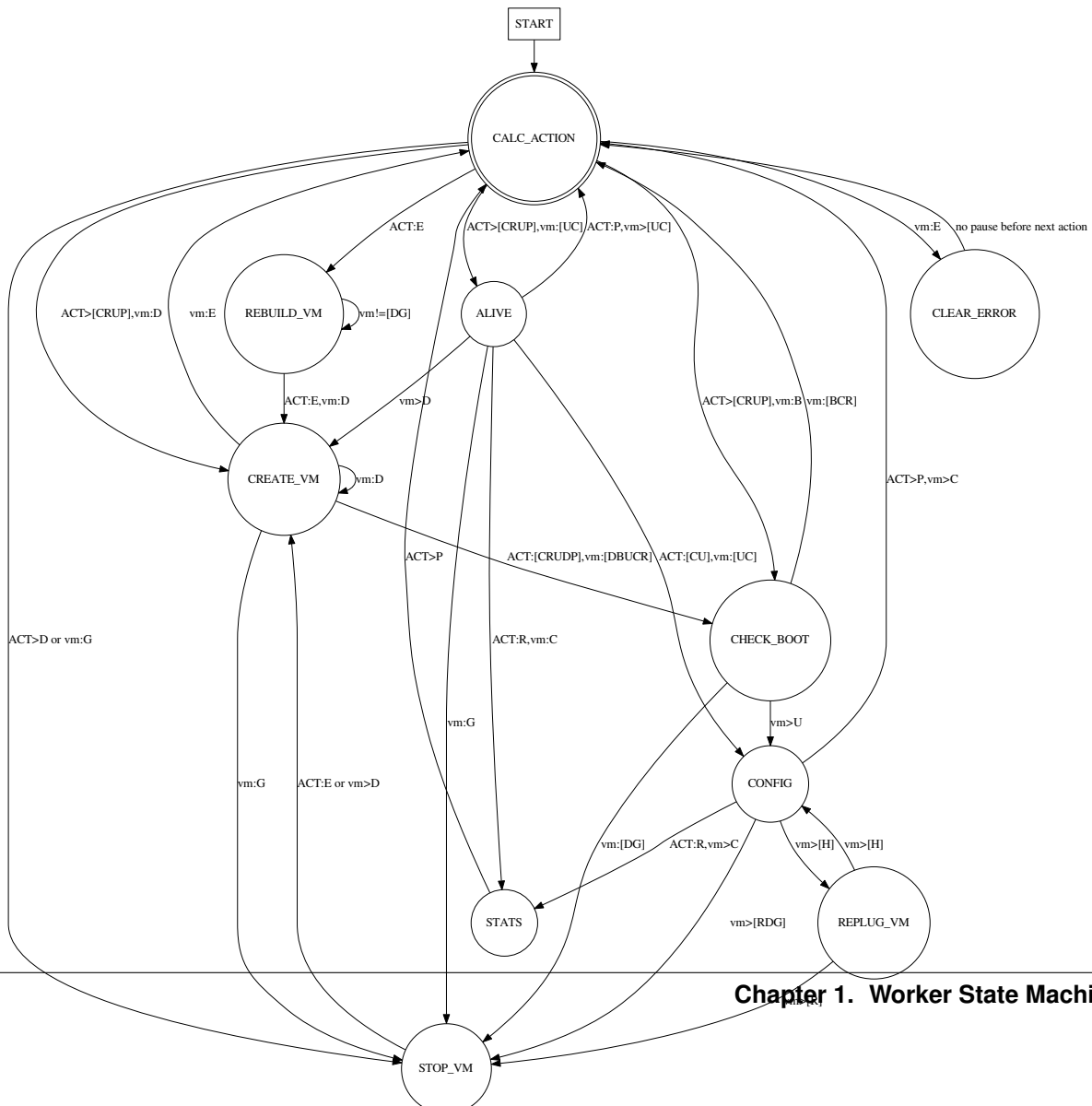
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CHAPTER 1

Worker State Machine



States

CALC_ACTION Coalesces the pending actions from the queue inside the state machine.

ALIVE Checks whether the instance is alive.

CLEAR_ERROR Clear the error status before attempting any further operation.

STATS Reads traffic data from the router.

CREATE_VM Makes a new VM instance.

CHECKBOOT Check if a new VM instance has been booted and initially configured.

CONFIG Configures the VM and its services.

REPLUG_VM Attempts to replug the VM with a new network (or remove an unplugged one).

STOP_VM Terminates a running VM.

EXIT Processing stops.

ACT(ion) Variable

Create Create router was requested.

Read Read router traffic stats.

Update Update router configuration.

Delete Delete router.

Poll Poll router alive status.

rEbuild Recreate a router from scratch.

vm Variable

Down VM is known to be down.

Booting VM is booting.

Up VM is known to be up (pingable).

Configured VM is known to be configured.

Restart Needed VM needs to be rebooted.

Hotplug Needed VM needs to be replugged.

Gone The router definition has been removed from neutron.

Error The router has been rebooted too many times, or has had some other error.

CHAPTER 2

Indices and tables

- `genindex`
- `modindex`
- `search`