Evolution of the load balancing server
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Achieving metric oriented load balancing

Define alias

- Define alias
- CERN DNS servers
- CERN Database On Demand
- Python
- Node-specific setup
- Advanced metric arithmetic operations
- Stand-alone distribution of lbclient
- Metric poll interval
- Time to Live
- Desired amount of nodes
- Policy if no available nodes

Configure and deploy

- Selection
  - Select supported metrics
  - Advanced metric arithmetic operations
  - Node-specific setup

- Configuration
  - Stand-alone distribution of lbclient
  - SNMP configuration
  - Firewall setup

- Available metrics
- Directory occupancy
- IP/Port/Protocol check
- Roger state
- Collect metrics & alarms
- Remote execution

Sit down and relax

- Define alias
- Website stopped working
- Node removed: high cpu load
- Resolve alias
- Update DNS record
- LBD
- Load-Balancing-daemon
- CERN DNS servers
- Node 1
- Node 2
- Node 3
- Node 4
- Node 5
- DNS zone creation
- Canonical name records
- Time to Live
- Desired amount of nodes
- High availability via replica server
- DNS updates if best nodes change
- Concurrent node state evaluation

Contact alias members

node.ops.cern.ch

github.com/cernops/golbd

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github.com/cernops/golbclient