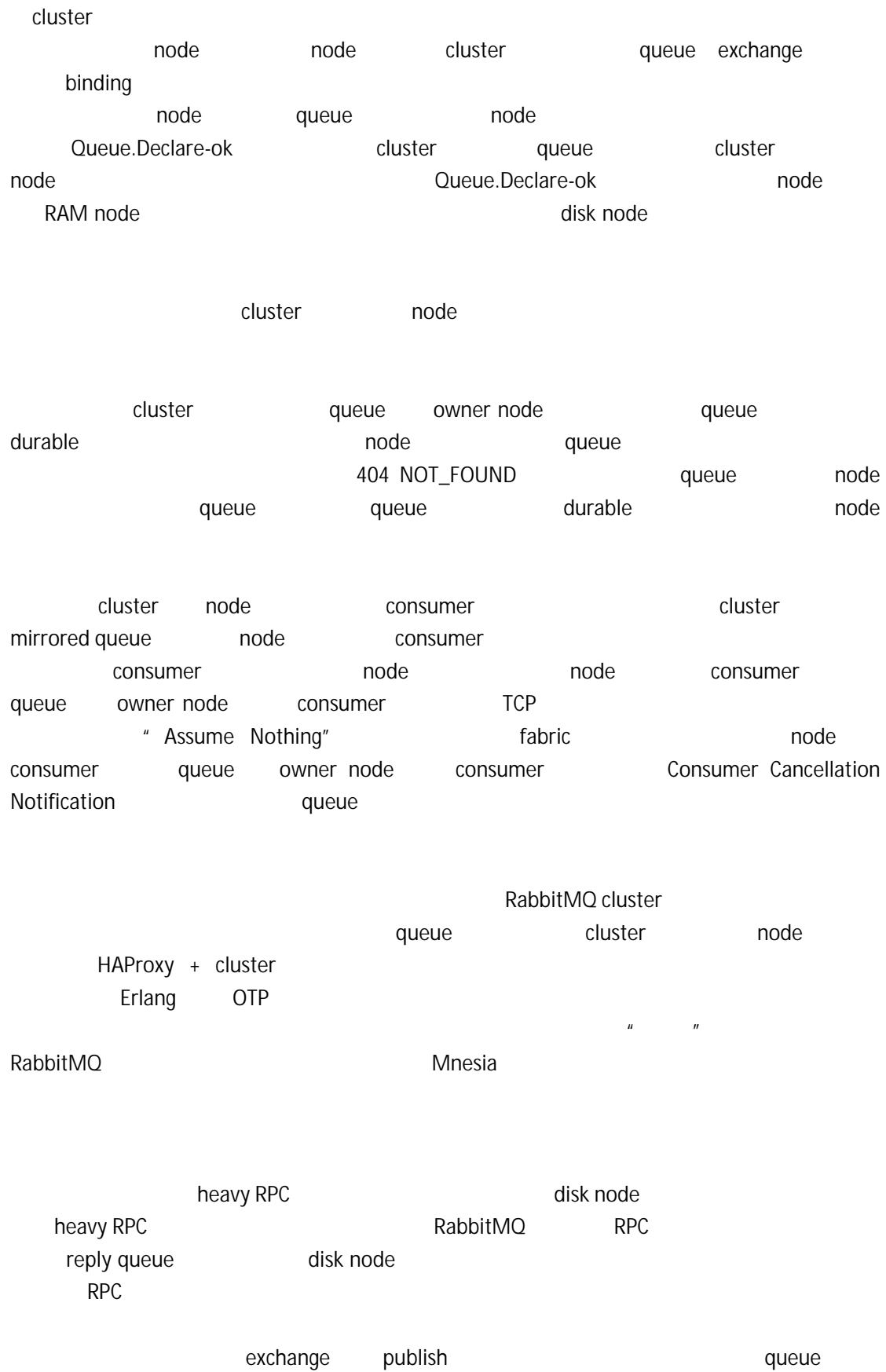


RabbitMQ broker cluster  
broker cluster broker erlang node cluster node RabbitMQ  
cluster node  
cluster Queue cluster  
Exchange Vhost exchange vhost Binding queue  
cluster node cluster node node erlang  
node RAM RAM disk  
cluster node queue node cluster

RAM node disk node  
RAM node fabric queue exchange binding RabbitMQ  
disk node  
cluster disk node RAM node  
disk node RabbitMQ cluster  
RabbitMQ queue message

RabbitMQ channel exchange queue  
queue erlang exchange binding  
channel routing\_key message  
queue AMQP channel TCP  
AMQP channel channel ID channel  
channel channel message  
channel 0 channel  
connection 1-65535 channel channel  
AMQP channel  
channel socket

vhost  
vhost broker mini-RabbitMQ server  
queue exchange binding  
vhost RabbitMQ vhost  
vhost



consume

Channel.Close

404 NOT\_FOUND

routing\_key binding\_key

255

RabbitMQ message

AMQP 64-bit

producer queue

1.message 2. republish

Publisher Confirm

" dead letter 1/2 queue

RabbitMQ server consumer consumer Basic.Reject

queue message requeue=false " dead letter 1/2 queue

reject undeliver

message queue exchange

durable message persistent

binding exchange 1/2 binding 1/2 queue

message message persistent exchange

queue durable message exchange queue

durable crash message persistent

message message

blackholed

blackholed exchange message

message blackholed 1. queue

exchange message 2.exchange binding\_key key\_A queue queue\_A

exchange message routing\_key key\_B

blackholed

Basic.Publish mandatory=true fabric

Basic.Return message blackholed

312

NO\_ROUTE

Consumer Cancellation Notification

queue master slave consumer

consume consume master

slave consumer master

message master message queue  
message requeue consumer  
message  
Basic.Reject  
consumer message reject  
requeue=true RabbitMQ server message  
consume consumer  
consumer requeue=false RabbitMQ server  
message queue  
queue message consumer Basic.Ack  
message  
Basic.Nack Basic.Reject message  
message  
message RAM message  
10 message RabbitMQ cluster  
" " message persistent queue  
durable queue owner node queue  
queue message blackholed message persistent  
queue durable queue owner node  
queue node owner node  
queue queue message blackholed  
message  
100,000 / RabbitMQ  
message delivery  
SSD  
RabbitMQ cluster mirrored queue warrens  
cluster cluster node producer consumer  
node node node cluster  
cluster cluster message producer  
cluster cluster  
cluster HAProxy node cluster  
node ip HAProxy node  
HAProxy + cluster  
Mirrored queue cluster queue  
node 1.consumer  
Consumer Cancellation Notification 2.consumer  
message

Warrens  
producer

cluster  
republish message

message  
RabbitMQ server  
RabbitMQ server + HAProxy  
RabbitMQ

blackholed  
server

Warrens  
server

active  
server

hot-standby  
server

active  
server

cold-standby  
server

RabbitMQ server + keepalived  
server

Warrens

server

consume

active  
server

server

standby  
queue

server

message  
fabric

active  
server

a.  
c.

AMQP  
active

hot-

server

cold-standby  
server

node  
cold-standby server

UID

active  
server

active  
cold-standby