MongoDB Configuration

Subject (namespace)

Revision history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Version | Date | Status | By | Changes |
| 1.0 | 05-08-2014 | Draft | Komyos C. | Initial version. |

Distribution

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Status | To |
| 1.0 | 08-05-2014 | Draft | Team |

References

|  |  |
| --- | --- |
| Document number | Document title |
| PS-NW-TD-XXXX |  |

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# Preface

[Introduction to the document]

## Who should read this document

[Describe the intended audience]

# Glossary

[Term 1] [Description 1]

[Term 2] [Description 2]

# MongoDB Installation

# Config Server

# Replicate+Shard

## Prepare Primary+Shard Server

1. Prepare configuration command for primary machine

systemLog:

destination: file

path: "C:\\Program Files\\MongoDB 2.6 Standard\\log\\mongo.log"

logAppend: true

quiet: false

traceAllExceptions: true

timeStampFormat: iso8601-utc

storage:

dbPath: "C:\\Program Files\\MongoDB 2.6 Standard\\data\\db"

directoryPerDB: true

net:

bindIp: 127.0.0.1,192.168.1.187

port: 28000

security:

authorization: disabled

sharding:

clusterRole: shardsvr

1. Run command to install primary on command prompt

Mongod –config <config path> --relpSet <Replication Name> --install

1. Start service.
2. Connect to mongo via command

Mongo <host:port> (username passwd)

1. Run command

rs.initiate()

## Prepare secondary server

1. Prepare configuration command for secondary server

systemLog:

destination: file

path: "C:\\Program Files\\MongoDB 2.6 Standard\\log\\mongo.log"

logAppend: true

quiet: false

traceAllExceptions: true

timeStampFormat: iso8601-utc

storage:

dbPath: "C:\\Program Files\\MongoDB 2.6 Standard\\data\\db"

directoryPerDB: true

net:

bindIp: 127.0.0.1,192.168.1.188

port: 29000

security:

authorization: disabled

1. Run command to install secondary server on command prompt

Mongod –config <config path> --relpSet <Replication Name> --install

1. Start service.

## Prepare Arbiter Server

1. Prepare configuration command for secondary server

systemLog:

destination: file

path: "C:\\Program Files\\MongoDB 2.6 Standard\\log\\mongo.log"

logAppend: true

quiet: false

traceAllExceptions: true

timeStampFormat: iso8601-utc

storage:

dbPath: "C:\\Program Files\\MongoDB 2.6 Standard\\data\\db"

directoryPerDB: true

net:

bindIp: 127.0.0.1,192.168.1.189

port: 29000

security:

authorization: disabled

1. Run command to install secondary server on command prompt

Mongod –config <config path> --relpSet <Replication Name> --install

1. Start service.

## Add Secondary to Primary Server

1. Connect to mongo of primary server via command

Mongo <host:port> (username passwd)

1. Add secondary server to primary via command

rs.add(“<secondaryIP:secondaryPort>”)

## Add Arbiter to Primary Server

1. Connect to mongo of primary server via command

Mongo <host:port> (username passwd)

1. Add secondary server to primary via command

rs.addArb(“<ArbiterIP:ArbiterPort>”)