Administering an Elasticsearch Cluster

Course Introduction

JP Toto

@jptoto | http://jptoto.jp

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Cluster management

Data nodes

Backups

Index creation strategies

Index snapshots

Client nodes

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Open Source

?

Scalable

Fast

http

Lucene

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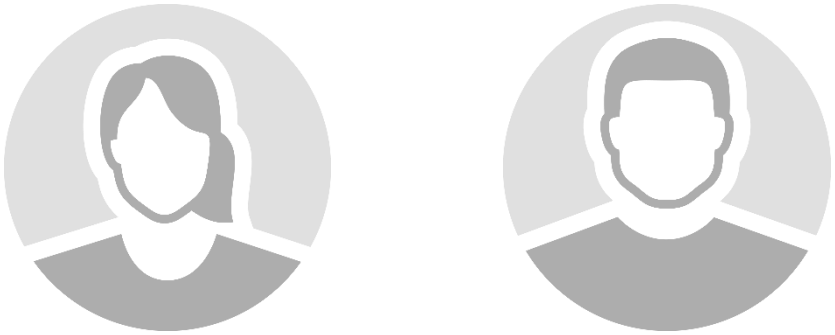

Super Smart IT / DevOps Person

GLOBOMANTICS

99.9999999%

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No Elasticsearch Experience Required

NoSQL experience is a plus

Pretty straightforward command line ops

Windows administration

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Introduction to Elasticsearch for .NET Developers

http://www.pluralsight.com/courses/elasticsearch-for-dotnet-developers

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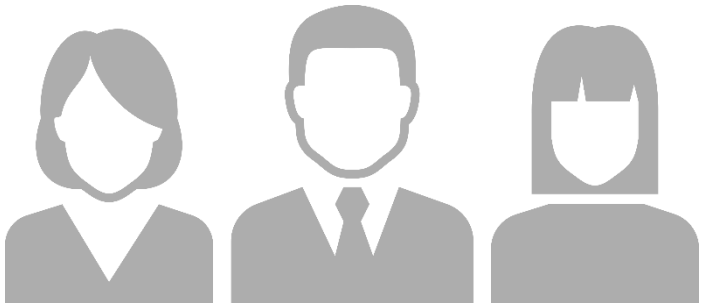

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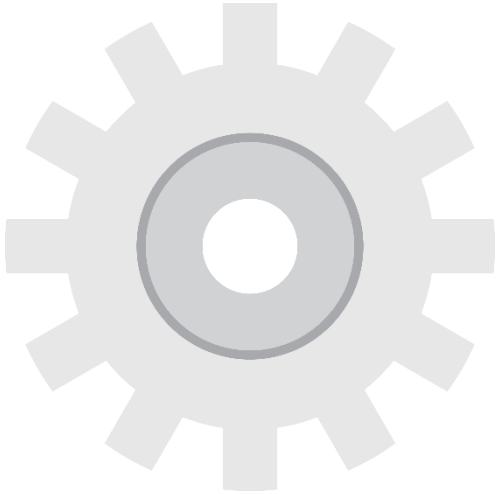
Installation



Linux install

Basic configuration

Windows install

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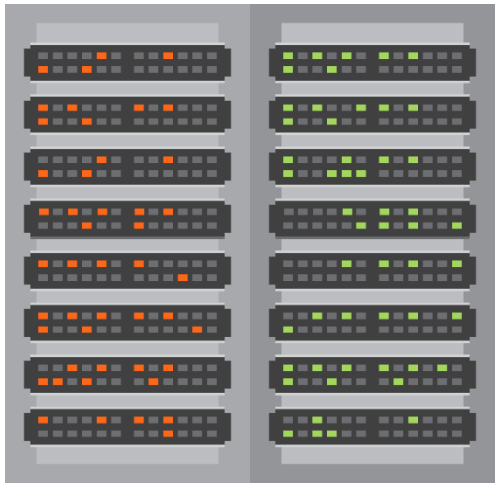
Cluster Strategies



- Cluster size
- Build out other nodes
- Discuss server type options

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Index Strategies

Index = database

"Ephemeral" or temporary

Rotating indices

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Visualization

GUI plugins

Makes things much easier to administer

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Maintenance

Version upgrades

Backup and restore

Stale index removal

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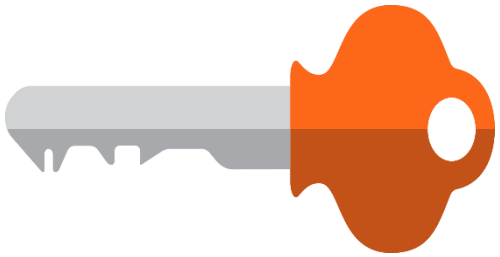
Security



Shield

User configuration

IP restriction

Auditing

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About Me

- Doing this for awhile
- I <3 servers
- Been fiddling with Elasticsearch since it was a wee pre-1.0 release
- Now that I've got my arms around it, I'd like to teach it to you

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