**Mongodb Sharding Homework**

(Note: couldn't capture all the screenshots)

1. **Start the config server instance**

mkdir -p ~/data/configdb

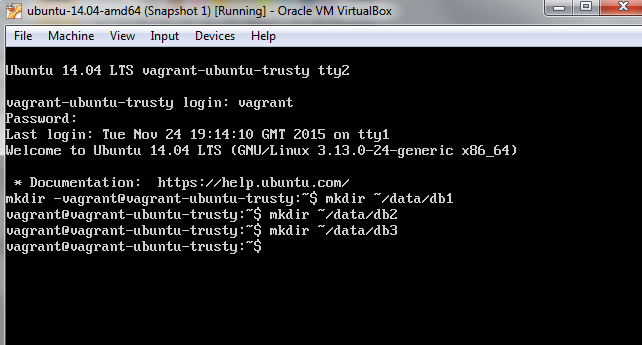
1. **Start the server**

mongod --configsvr --dbpath ~/data/configdb --port 27011 &

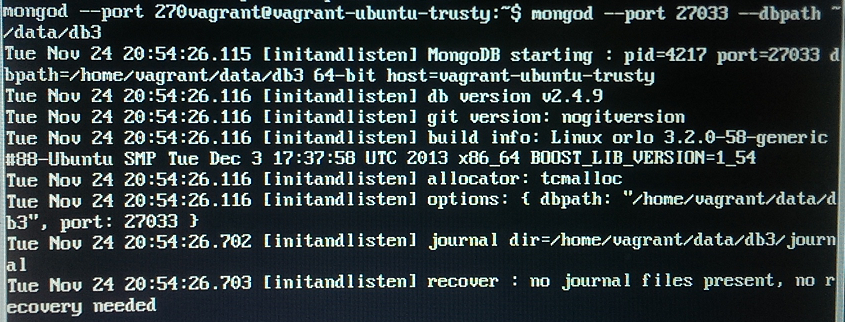
1. **Start the query router**

mongos --configdb localhost:27011 --port 27021 &

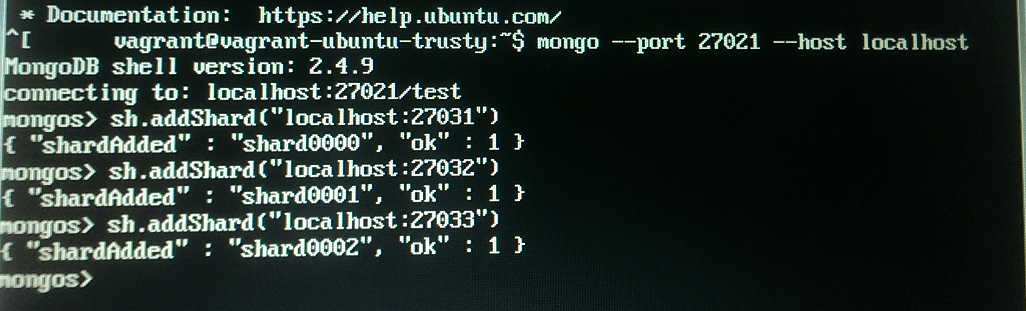
1. **create mongodb instances**

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1. **Start mongodb servers for each shard**

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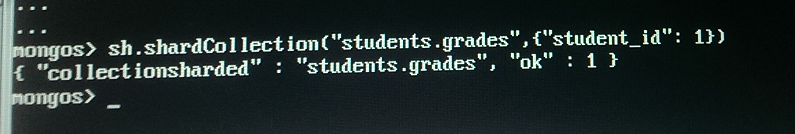
1. **Registering Shard**

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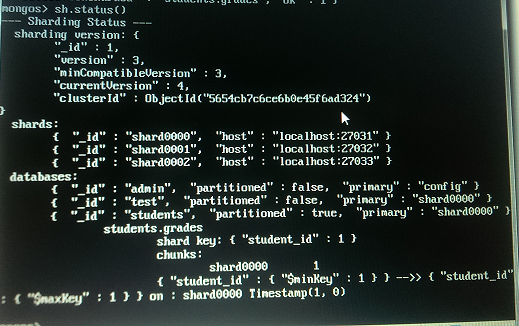
1. **Enabeling sharding on the database**

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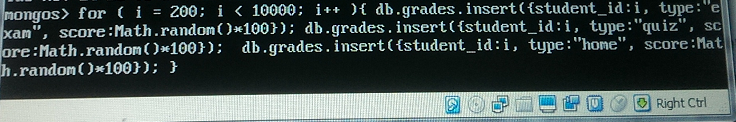
1. **Shard the collection on a key**

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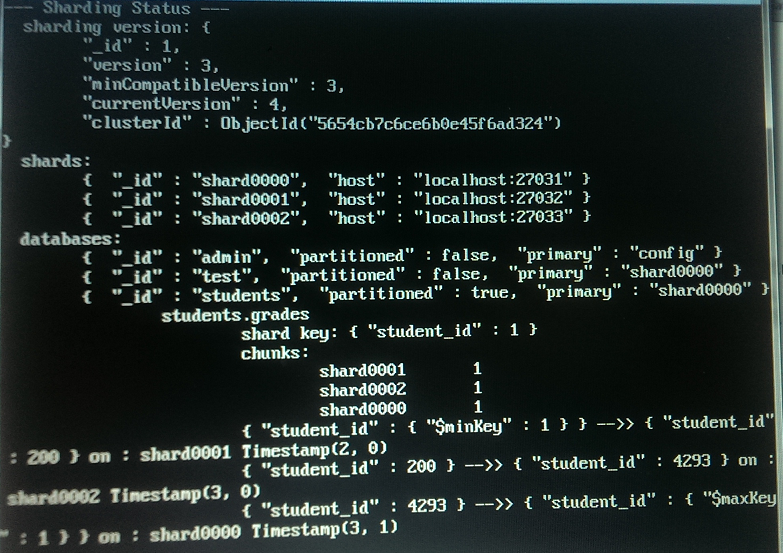
1. **Check the status**

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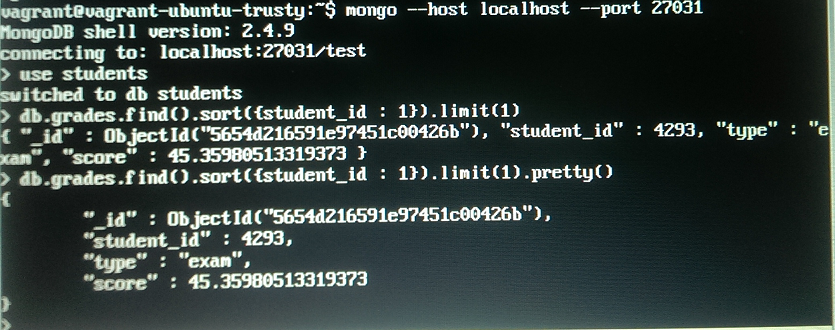
1. **Add some data**

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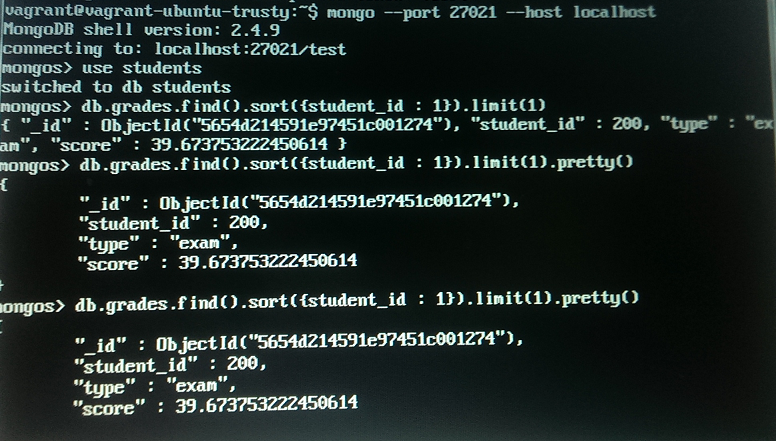
1. **Observe sharding status**

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1. **Connect to the individual shards**

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1. **Connect to the entire cluster**

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