Installing Logstash

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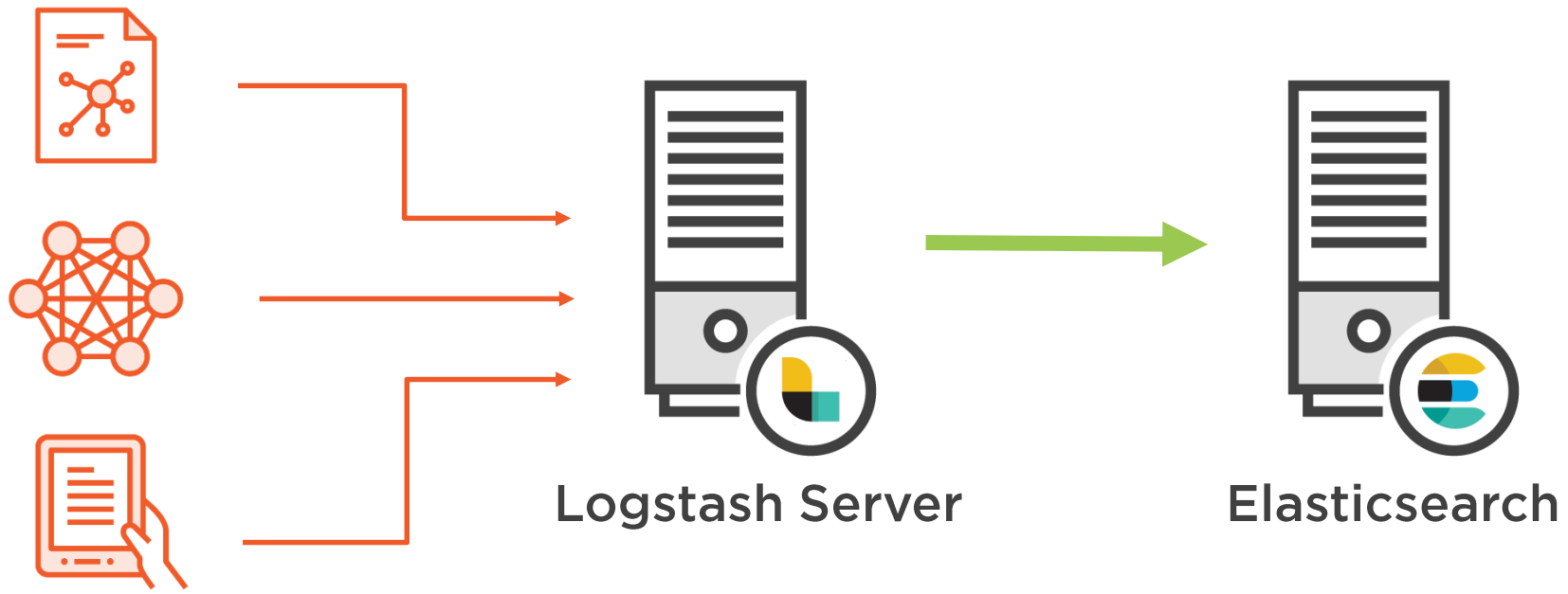
Logstash Is a Data Collection Engine

1. Ingest

2. Enhance or modify

3. Forward



Logstash Configuration

```
input {
}
```

Where is data coming from? Logs? Beats?

```
filter {
}
```

How should we parse the data? Ignore some? Modify any?

```
output {
}
```

Where should we store the logs? Back end? Elasticsearch?

Logstash Plugins

Out of the box can read apache logs, log4j files, Windows Event log, and more...

Included filters can read raw text, parse csv, or look up geo/location information by IP address, or reading json

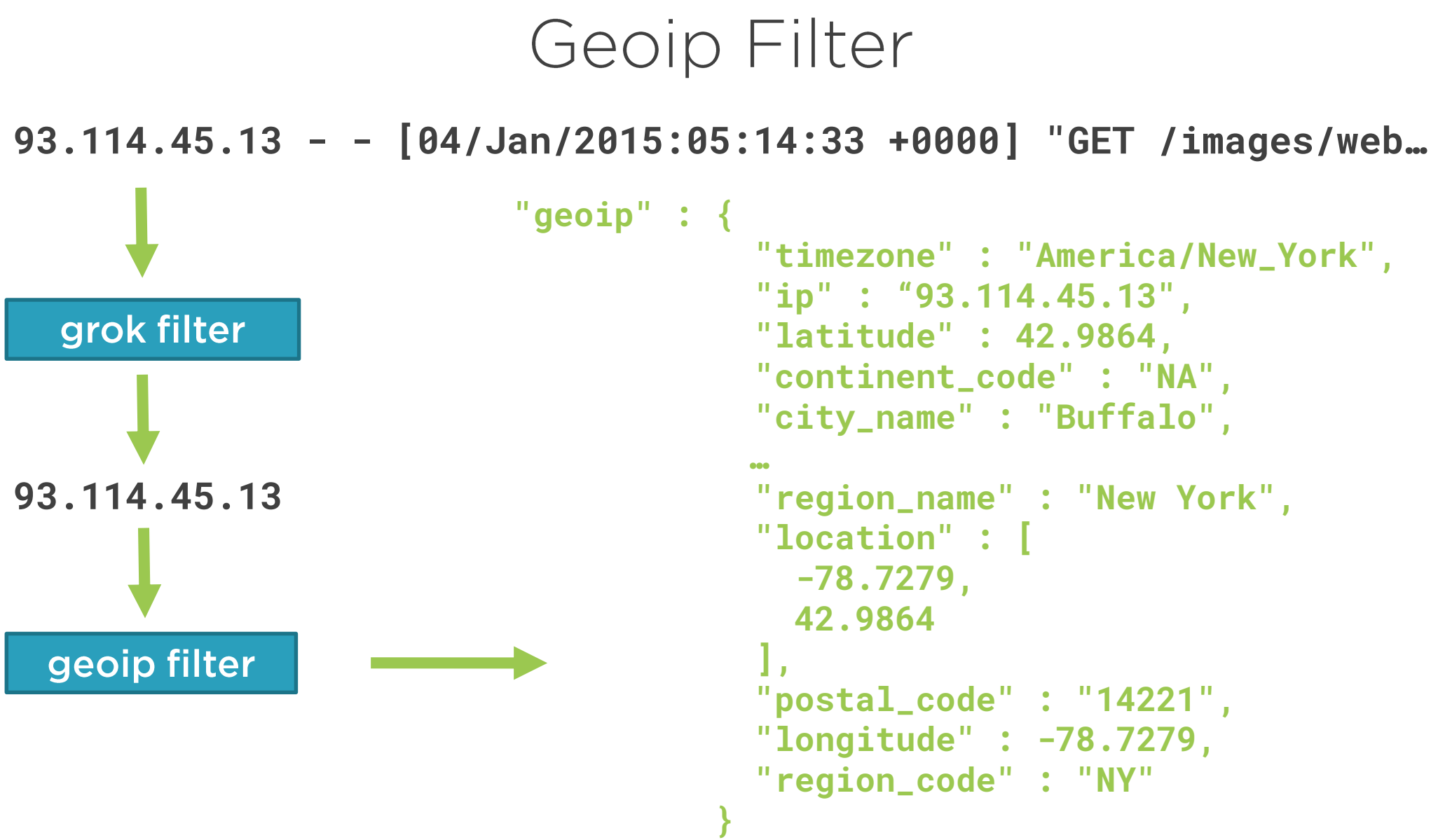
Dozens of filters are included by default

Logstash Filters

grok filter

geoip filter

Geoip Filter



Demo

Let’s create our Logstash server

Ubuntu Linux Server

Located in US EAST

Summary

Logstash Pipelines and how they will help us

Built a Logstash server and tested the data flow through to Elasticsearch

Next: Kibana