分布式架构之Consul

[示例源码：](https://github.com/qq283335746/Yibi/tree/master/Src/Yibi/Consul)

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1. 环境搭建

当前使用系统：Ubuntu18.04

Consul安装与配置：

Deployment Guide:

https://learn.hashicorp.com/consul/advanced/day-1-operations/deployment-guide

How to setup Consul Cluster on Ubuntu 18.04 / Ubuntu 16.04 LTS：

https://computingforgeeks.com/how-to-install-consul-cluster-18-04-lts/

打开并修改 /etc/consul.d/server.hcl 为：

server = true

bootstrap\_expect = 1

ui = true

client\_addr = "0.0.0.0"

打开并修改 /etc/consul.d/consul.hcl 为:

datacenter = "dc1"

data\_dir = "/opt/consul"

encrypt = "Luj2FZWwlt8475wD1WtwUQ=="

1. Consul HTTP API

调用consul restful api，实现服务注册与发现。