

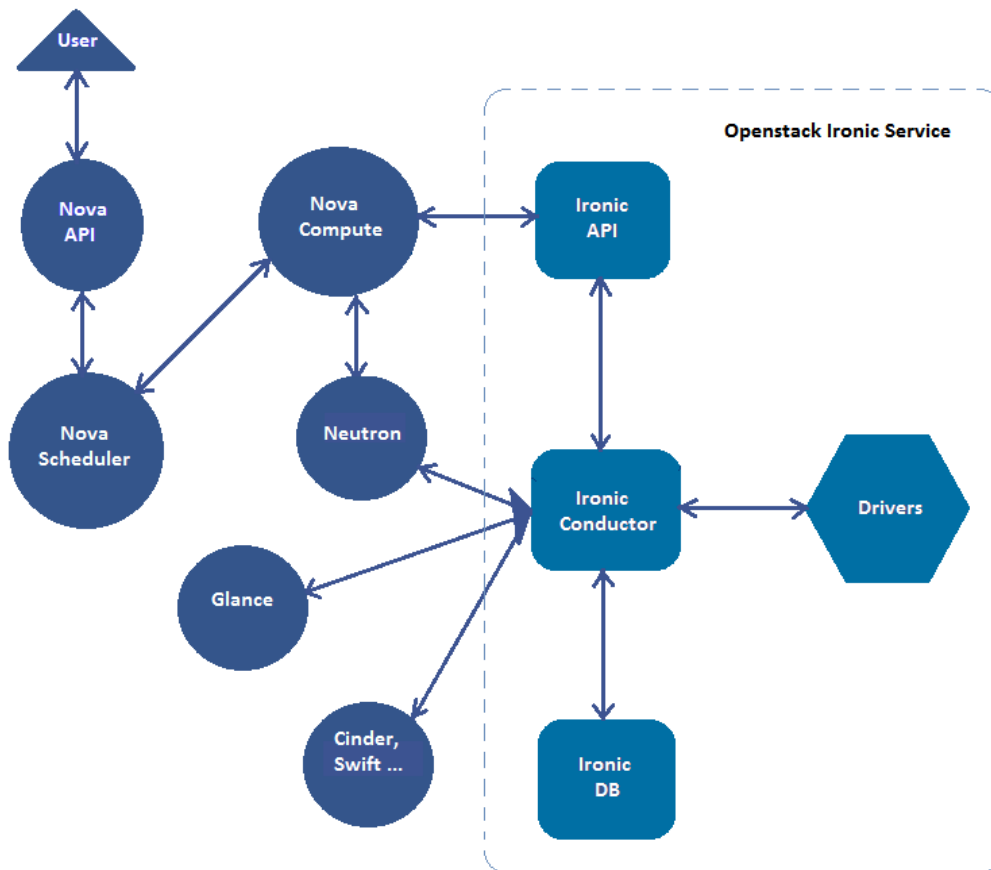
IroniC	.....	3
	.....	3
	.....	3
	.....	4
	.....	4
iSCSI	UML	6
	UML	8
	.....	12

ironic_

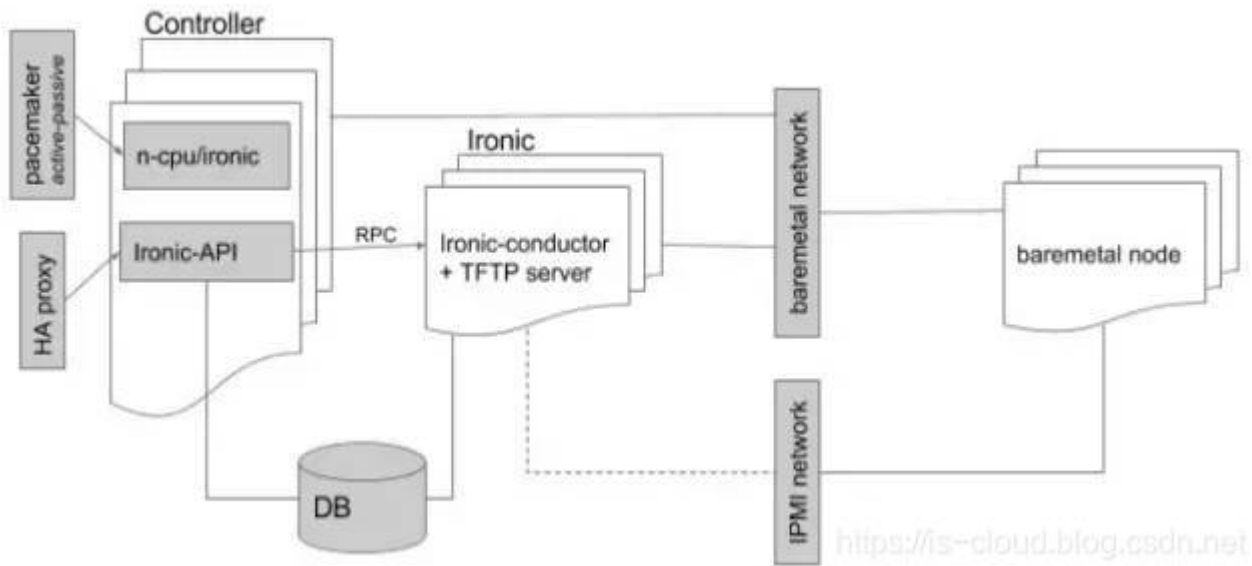
Last update: 2024/10/11 06:32 - https://atl.kr/dokuwiki/doku.php/ironic_%EB%B2%A0%EC%96%B4%EB%A9%94%ED%83%88_%EC%9D%B8%EC%8A%A4%ED%84%B4%EC%8A%A4%EC%9D%98_%EB%B0%B0%ED%8F%AC_%ED%94%84%EB%A1%9C%EC%84%B8%EC%8A%A4

Ironic

Figure 1.2. Logical Architecture



<https://is-cloud.blog.csdn.net>



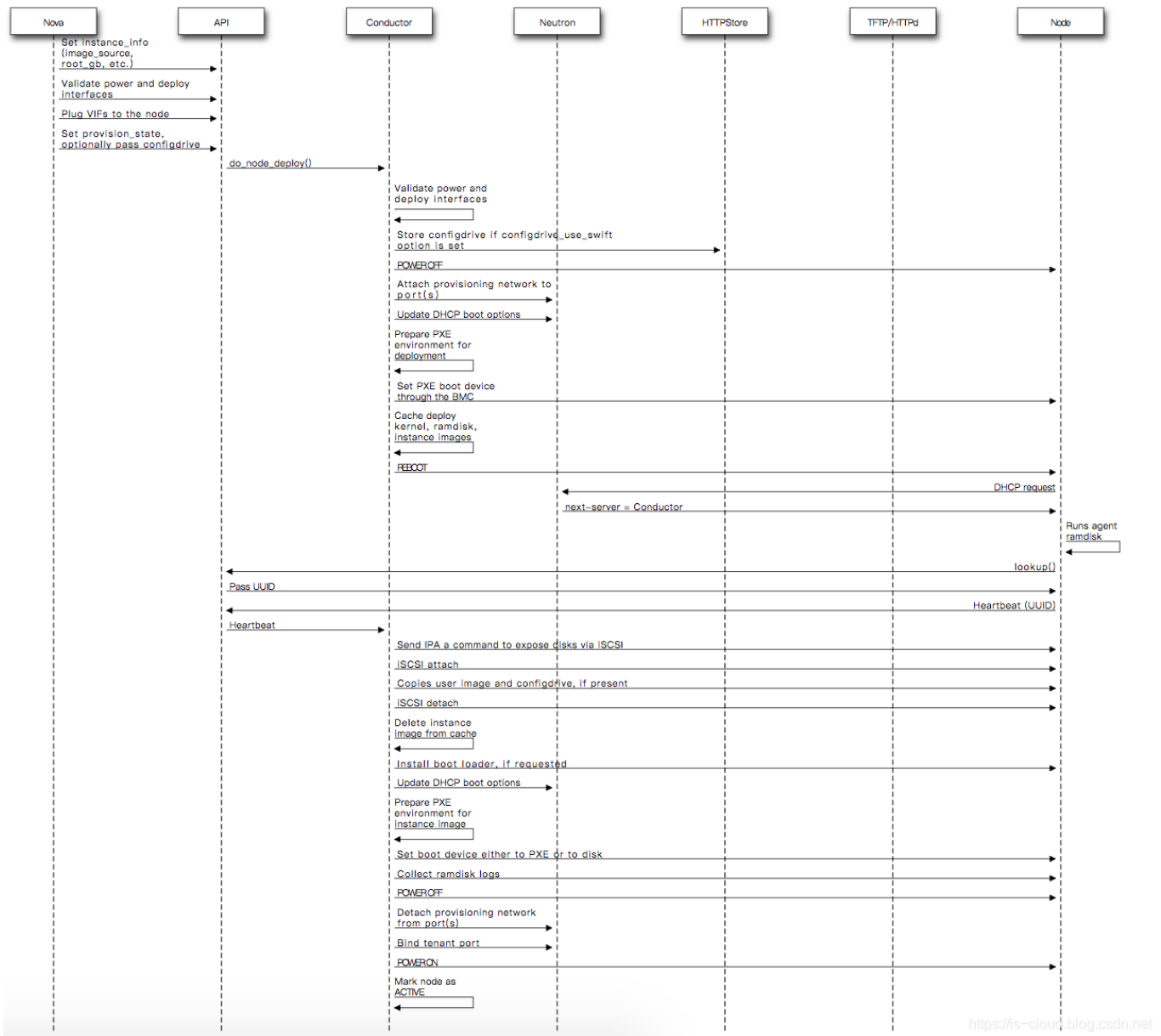
: <https://docs.openstack.org/ironic/latest/user/index.html>

- **IroniC-conductor**가 **tftp-server, ipmi, syslinux** .
- **Nova** , **Nova** **IroniC**
- **Flavors** 가 . **Nova** **Flavor**
- **Glance** .
 - **bm-deploy-kernel**
 - **bm-deploy-ramdisk**
 - **user-image**
 - **user-image-vm linux**
 - **user-image-initrd**
- **IroniC RESTful API** .

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- AllThatLinux! - <https://atl.kr/dokuwiki/>

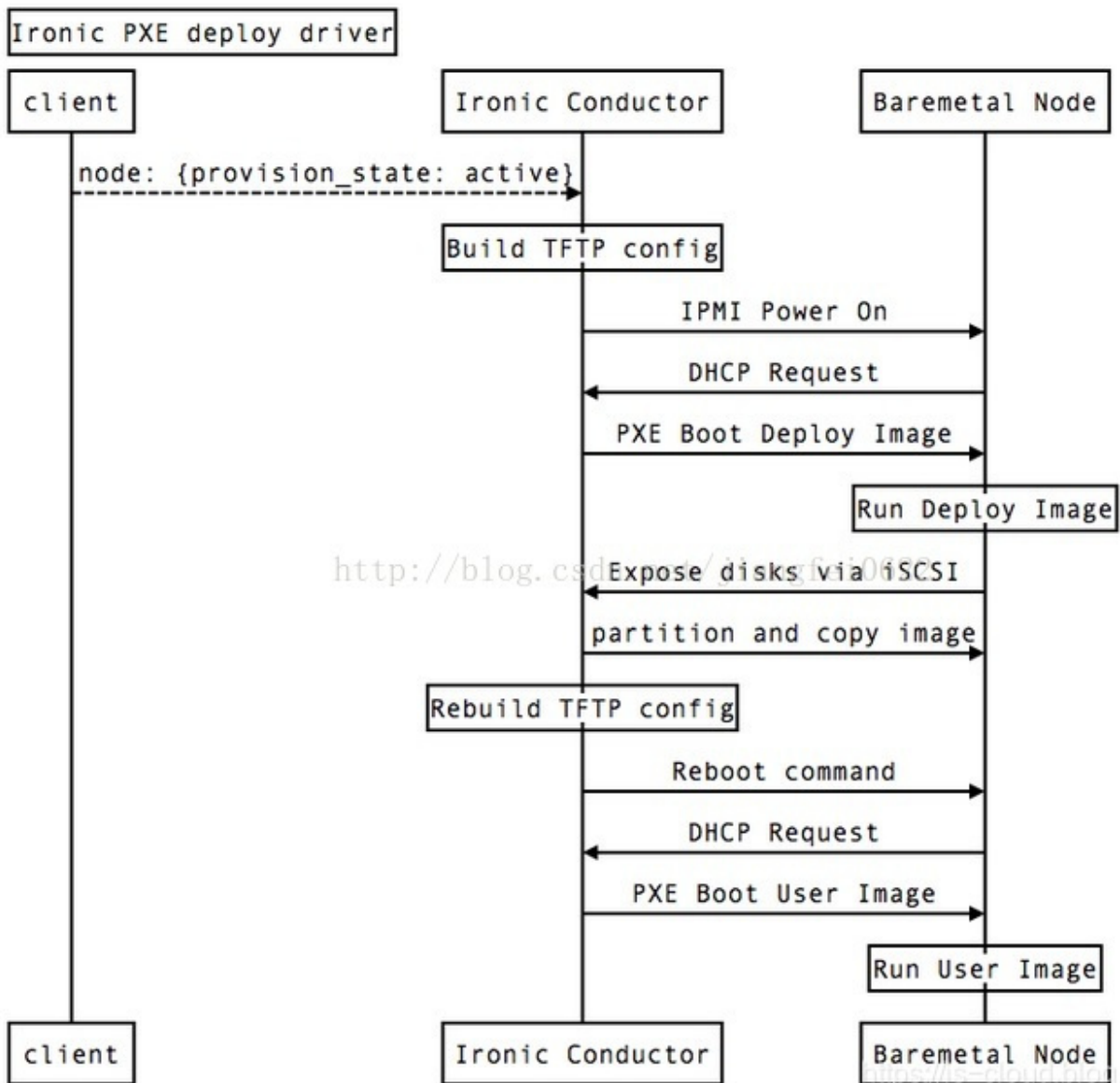
),
가 , IPMI/BMC
15. .
(
16.).
가 active .
iSCSI UML
iSCSI , iSCSI
 , ironic-conductor가 .

```
openstack baremetal node create --driver ipmi --deploy-interface iscsi  
openstack baremetal node set <NODE> --deploy-interface iscsi
```



1. Nova API
2. Nova (: ,)
Ironic Flavor extra_spec
(: cpu_arch, baremetal:deploy_kernel_id,
baremetal:deploy_ramdisk_id).
3. Nova Compute , Build spawn
Ironic API , Ironic
4. Ironic OpenStack Glance (Deploy Images
User Images) 가 , Neutron , Cinder
가 .
5. Ironic , PXE TFTP IPMI
PXE
6. DHCP Ironic Conductor , TFTP Conductor
Deploy Images 가 . Conductor가 RAMDisk , IPA iSCSI
, Conductor User Images
7. 가 , IPMI

PXE

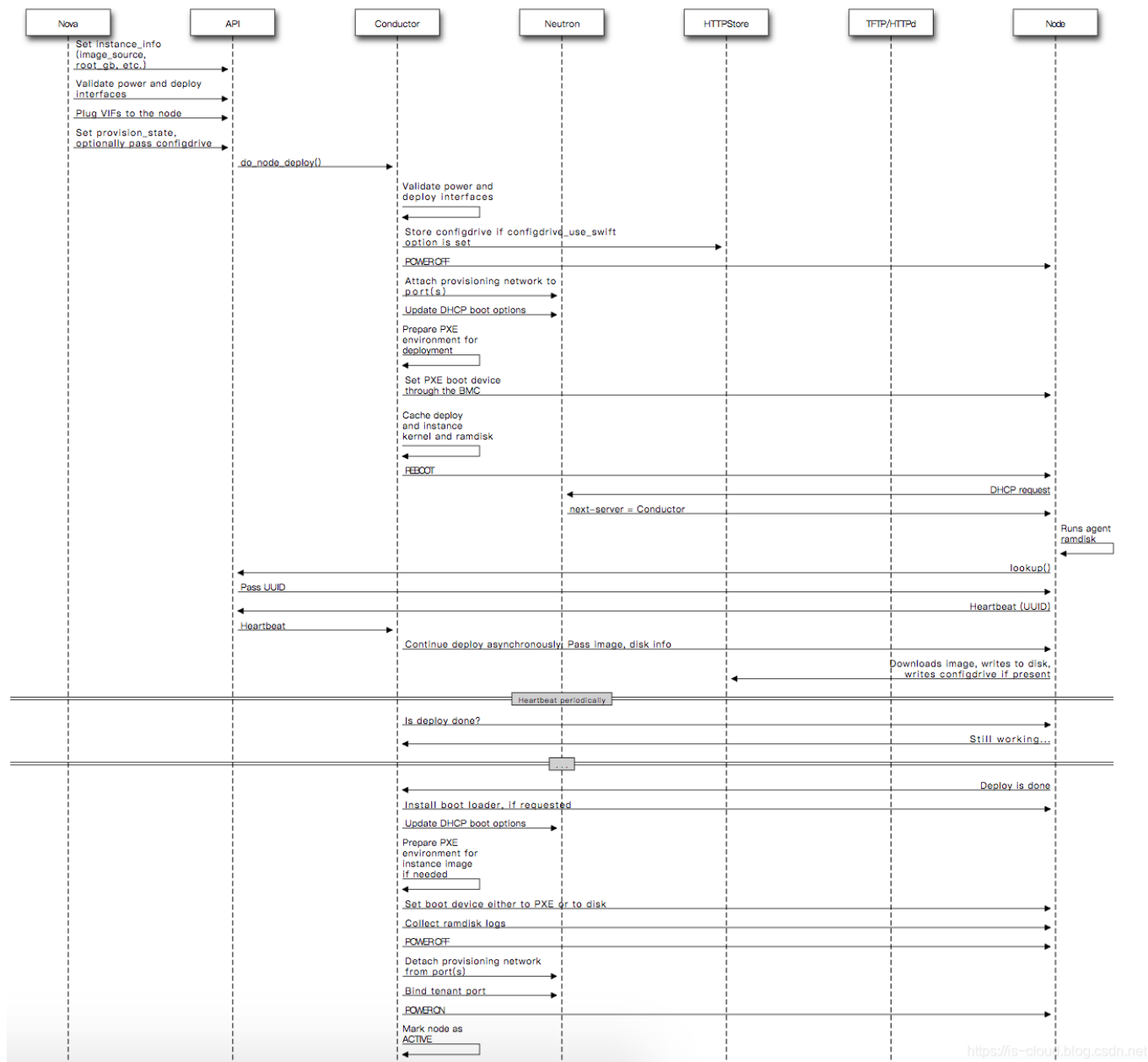


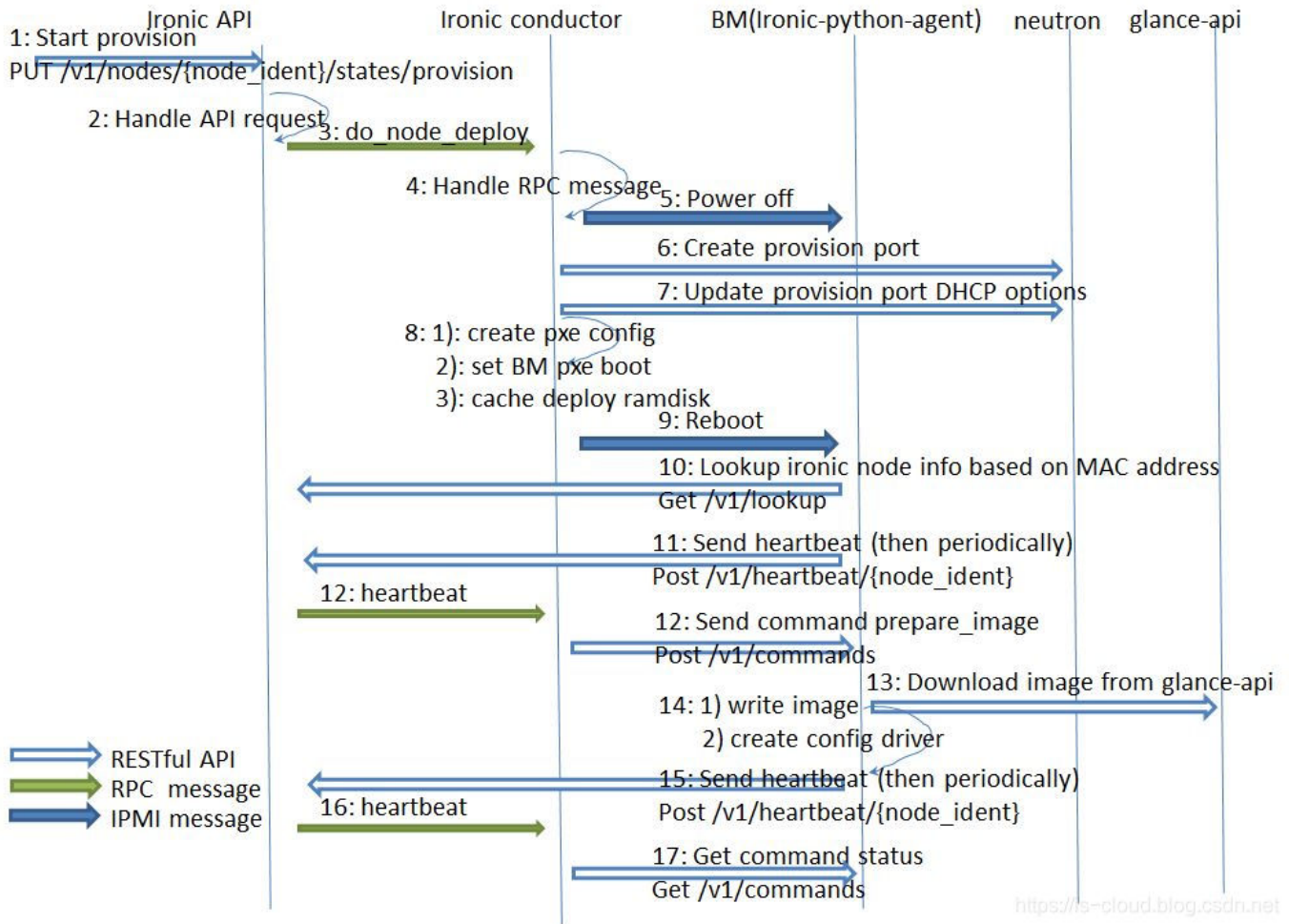
UML

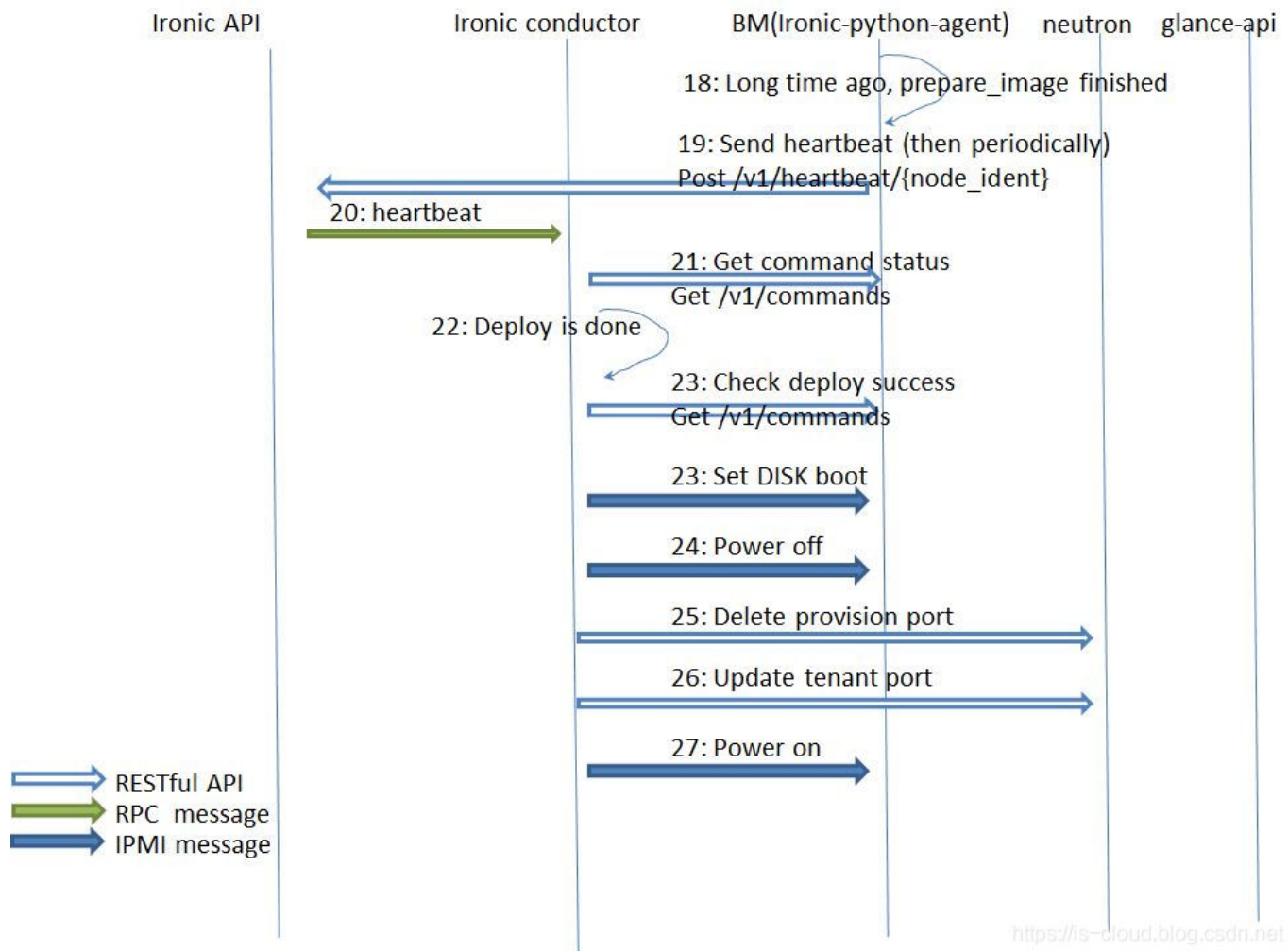
Direct (Swift , RadosGW) URL HTTP 가 HTTP

```

openstack baremetal node create --driver ipmi --deploy-interface direct
openstack baremetal node set <NODE> --deploy-interface direct
  
```


<https://is-cloud.blog.csdn.net>





1. Provision

2.

3. IPA lookup Ironic Conductor

4. IPA Heartbeat Ironic Conductor가 prepare_image IPA , ironic_node_uuid 가 , Ironic (Direct)

300GB

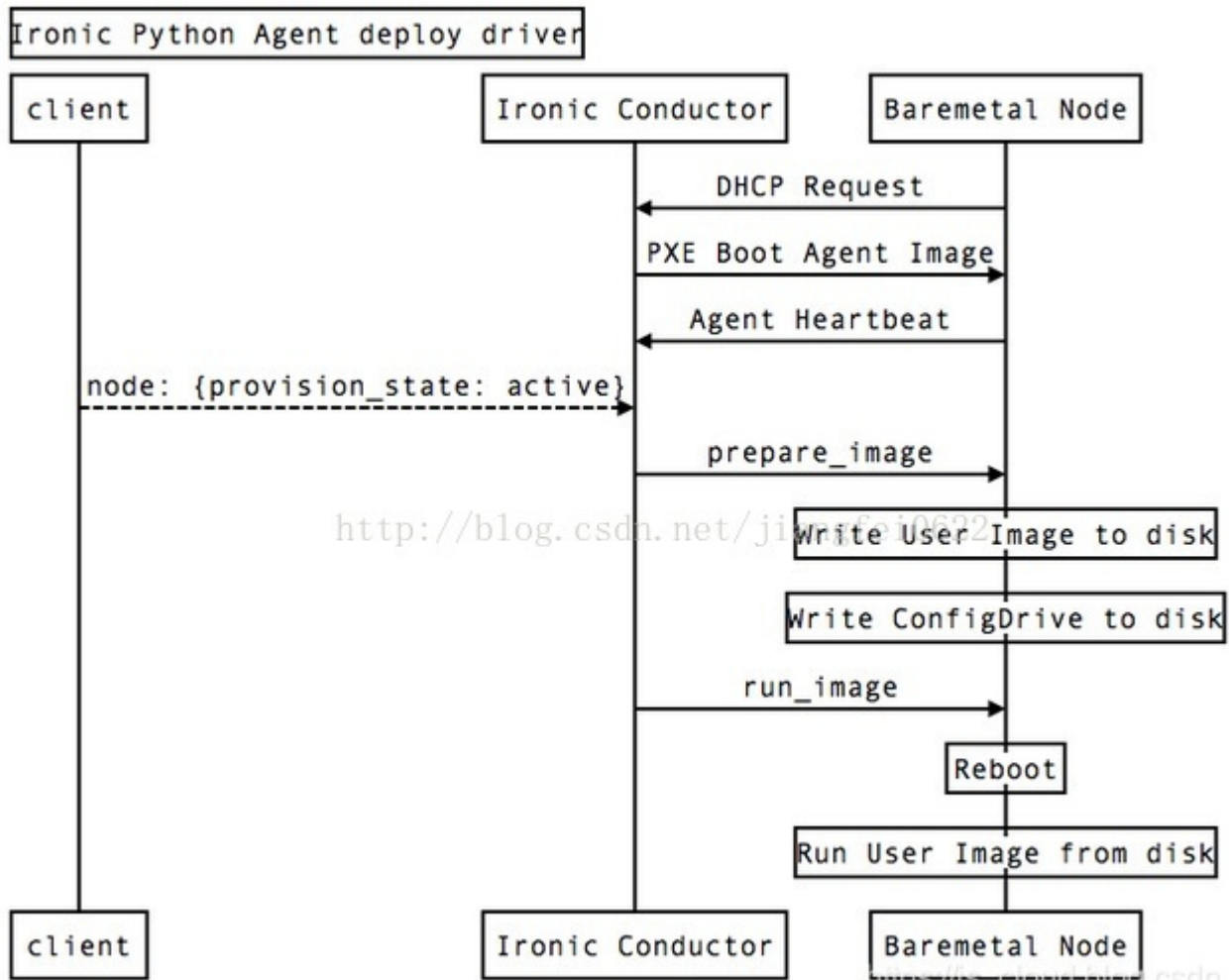
10

5. ironic-conductor Heartbeat (ironic-api RPC) , ironic-conductor가 IPA prepare_image , Heartbeat

ironic-conductor가 IPA prepare_image

가

IPA



- <https://www.cnblogs.com/jmilkfan-fanguiju/p/11825062.html>

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