

# OneCloud物理机管理介绍



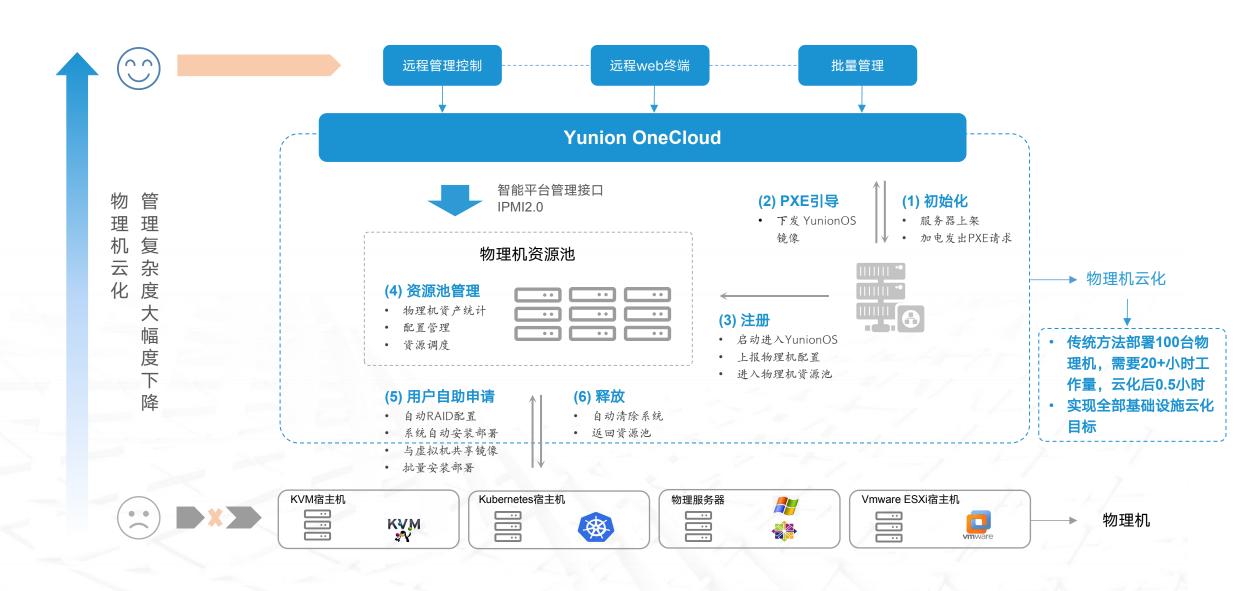




- 尽量自动化:
  - 从物理机上架加电开始
- 物理机云化: 像管理虚拟机一样管理物理机
  - 和虚拟机共享镜像
  - API兼容

#### 物理机云化,从最底层驱动IT云化





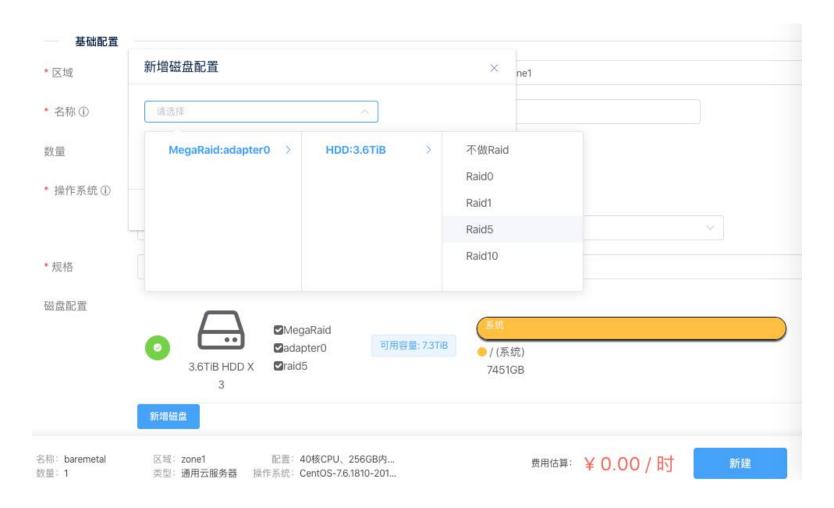
#### 统一API

```
POST /servers HTTP/1.1
{"server":
   {"name": "dx-data-hdp-dn01",
    "ncpu": 32,
    "vmem size": "128G",
    "disk.0": "CentOS-6.5-x86 64-Hadoop-Hive-Presto-proxy-Spark",
    "disk.1": "swap:32q",
    "disk.2": "ext4:autoextend:/opt",
    "disk.3": "ext4:autoextend:/data1",
    "disk.4": "ext4:autoextend:/data2",
    "hypervisor": "baremetal",
    "baremetal-disk-config.0": "raid1:[0,1]"
```

# 统一申请界面



## RAID配置API化和可视化



### 产品化改造遇到的问题

- 物理机上架流程的改变
- 组织架构的限制
- 存量物理机的处理



- Windows支持
- Redfish RAID驱动适配
- P2V
- 故障预测



