# ADMIN(管理员):

1. yum
2. vim
3. wget
4. find
5. less
6. tail
7. grep
8. pgrep
9. ftp/tftp
10. LDAP
11. cron
12. fdisk / MBR
13. parted / GPT
14. swapon
15. LVM
16. firewall
17. samba
18. HTTP
19. postfix
20. SMTP
21. pop3
22. 网卡activebackup
23. ln
24. inotifywait
25. systemctl
26. DNS
27. BIND
28. Split
29. RAID
30. journalctl
31. /var/log/lastlog
32. /var/log/wtmp
33. /var/log/btmp
34. /var/run/utmp
35. PXE
36. cobbler
37. 源码编译安装
38. rsync
39. PATH
40. umask

# network(网络):

1. OSI七层
2. TCP五层
3. TCP/IP
4. 地址分类
5. PUD
6. MAC
7. 广播
8. vlan
9. TRUNK
10. 以太通道
11. ICMP
12. 默认路由
13. 动态路由
14. ospf
15. tcp/udp
16. ACL
17. NAT
18. 单臂路由
19. STP
20. PVST+
21. HSRP

# Shell(核):

1. bash/sh/csh
2. alias
3. if
4. for
5. while
6. break/continue/exit
7. ${::} , expr substr , cut
8. ${变量名//old/new}
9. ${var:-word}
10. expect
11. 正则 , 扩展正则
12. sed
13. Awk

# Operation(运维)

1. apache--(web服务)
2. nginx--(web服务,可做4/7层代理)
3. tomcat--(web服务)
4. Session与Cookie:(记录登录信息)
5. Subversion
6. 制作rpm包,(nginx为例)
7. VPN--(虚拟专用网)
8. NTP时间同步
9. PSSH--()

# CLUSTER(集群):

1. ISCSI
2. Multipath
3. NFS
4. udev
5. LVS,ipvsadmin
6. keepalived
7. HAProxy
8. KVM
9. ceph
10. KRBD

# DBA(数据库管理):

1. mysql
2. maxscale--(mysql数据库读写分离)
3. mysql-proxy
4. MHA--(数据库集群)
5. mycat--(myssql数据库分片)
6. redis
7. Persistence
8. RDB/AOF--(两种持久化方式)
9. hash
10. MongoDB
11. replica sets

# SECURITY(安全):

1. su
2. sudo
3. ssh
4. SElinux
5. MD5
6. GPG
7. AIDE
8. nmap
9. tcpdump
10. WireShark
11. audit
12. diff
13. patch
14. iptable
15. zabbix

# CLOUD(云)

1. VMware
2. KVM-virsh-vbr-xml-img
3. screen
4. git
5. openstack
6. qcow2
7. packstack
8. Horizon
9. huaweicloud
10. Docker
11. ansible
12. playbook
13. JSON
14. YUML
15. ELK---三合一
16. Elasticsearch-----**日志存储数据库**
17. logstash--------**收集,分析,处理**
18. kinbana-------**日志可视化**
19. Hadoop
20. NFS网关
21. zookeeper
22. Kafka

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# PYTHON(蟒蛇):

1. gitlab
2. list
3. tuple
4. dict
5. set
6. ifrizon
7. for
8. while
9. with
10. 斐波那契数列
11. 猜数字游戏
12. 九九乘法表
13. cp功能程序
14. import
15. def
16. sys.argv
17. \_ \_name\_ \_特性
18. random模块
19. string模块
20. shutil模块
21. keyword模块
22. os模块
23. 随机密码程序
24. 合法标识符程序
25. format函数
26. subprocess
27. linux与windows文件转换程序
28. 进度条程序
29. 迭代器
30. time模块
31. try except
32. pickle模块
33. lambda
34. filter
35. map
36. partial
37. 递归函数
38. yield
39. 内部函数
40. 闭包
41. 装饰器
42. hashlib模块
43. tarfile模块
44. zipfile
45. os.walk
46. 备份程序
47. oop
48. class
49. \_ \_ init\_ \_
50. \_ \_str\_ \_
51. \_ \_call \_ \_
52. re
53. 分析apache日志程序
54. counter
55. socket
56. fork
57. zombie
58. thread / threading
59. GIL
60. PyMysql
61. SQLAlchemy
62. ORM
63. HTTP
64. get
65. post
66. urllib.request
67. paramiko
68. json
69. wget模块
70. requests
71. 钉钉机器人对话程序
72. API接口
73. python与zabbix
74. jenkins+git
75. ansible
76. ansible-cmdb
77. 自定义模块
78. web
79. div布局
80. form表单
81. css
82. bootstrap