## 环境介绍

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| 操作系统 | 服务器 | 软件版本 |
| Centos 6.5 | 172.16.1.52 | bind-9.8.2-0.47.rc1.el6\_8.4.x86\_64 |

## Dns软件安装

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| 软件安装  [root@sit-glusterfs-01 ~]# yum install bind\* |

## Dns配置

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| [root@sit-glusterfs-01 ~]# vi /etc/named.conf  options {  listen-on port 53 { any; }; //改成any  listen-on-v6 port 53 { ::1; };  directory "/var/named"; //指定根目录  dump-file "/var/named/data/cache\_dump.db";  statistics-file "/var/named/data/named\_stats.txt";  memstatistics-file "/var/named/data/named\_mem\_stats.txt";  allow-query { any; }; //允许查询所有ip地址  recursion yes;  forwarders { // 指定上层DNS服务器 //指定转发器  219.141.140.10;  };  dnssec-enable no; //dns安全扩展，关闭  dnssec-validation no; //dns安全扩展，关闭  /\* Path to ISC DLV key \*/  bindkeys-file "/etc/named.iscdlv.key";  managed-keys-directory "/var/named/dynamic";  };  logging {  channel default\_debug {  file "data/named.run";  severity dynamic;  };  };  zone "byxf.com"IN { // 添加正向解析区域信息  type master ;  file "byxf.com.zone";  };  include "/etc/named.rfc1912.zones";  include "/etc/named.root.key"; |

## 测试

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| 安装nslookup  [root@sit-glusterfs-01 ~]# yum install bind-utils  [root@sit-glusterfs-01 ~]# vi /etc/resolv.conf  # Generated by NetworkManager  # No nameservers found; try putting DNS servers into your  # ifcfg files in /etc/sysconfig/network-scripts like so:  #  # DNS1=xxx.xxx.xxx.xxx  # DNS2=xxx.xxx.xxx.xxx  # DOMAIN=lab.foo.com bar.foo.com  nameserver 172.16.1.52  第一种测试方式：  [root@sit-glusterfs-02 ~]# nslookup www.byxf.com  Server: 172.16.1.52  Address: 172.16.1.52#53  Name: www.byxf.com  Address: 172.16.1.52  [root@sit-glusterfs-02 ~]# nslookup www.baidu.com  Server: 172.16.1.52  Address: 172.16.1.52#53  Non-authoritative answer:  www.baidu.com canonical name = www.a.shifen.com.  Name: www.a.shifen.com  Address: 220.181.112.244  Name: www.a.shifen.com  Address: 220.181.111.188  第二种测试方式： [root@sit-glusterfs-02 ~]# ping www.byxf.com  PING www.byxf.com (172.16.1.52) 56(84) bytes of data.  64 bytes from bogon (172.16.1.52): icmp\_seq=1 ttl=64 time=0.253 ms  64 bytes from bogon (172.16.1.52): icmp\_seq=2 ttl=64 time=0.211 ms  [root@sit-glusterfs-02 ~]# ping www.baidu.com  PING www.a.shifen.com (220.181.111.188) 56(84) bytes of data.  64 bytes from 220.181.111.188: icmp\_seq=1 ttl=54 time=3.70 ms  64 bytes from 220.181.111.188: icmp\_seq=2 ttl=54 time=2.61 ms |

## 注意

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| 1. 电脑本机必须跟dns服务器地址在同网段 |