# SOSS系统ipv6改造方案

## 系统环境

### fping

编译安装最新版本fping并授权  
chown root:root /usr/local/sbin/fping  
chmod u+s /usr/local/sbin/fping

修改zabbix\_server配置文件/home/cin-soss/local/zabbix/etc/zabbix\_server.conf

|  |
| --- |
| Fping6Location=/usr/local/sbin/fping |

### 防火墙

所有agent主机需要关闭ipv6防火墙  
[root@test-web ~]# /etc/init.d/ip6tables stop  
  
[root@localhost ~]# chkconfig ip6tables off  
[root@localhost ~]# chkconfig ip6tables --list  
ip6tables       0:关闭  1:关闭  2:关闭  3:关闭  4:关闭  5:关闭  6:关闭

### DNS

修改/etc/hosts添加本地ipv6地址域名映射

|  |
| --- |
| 2ef0:1984:ab45:3c12::19 www.cintel19.com |

## zabbix

### 配置文件

* + 1. 修改zabbix\_server配置文件/home/cin-soss/local/zabbix/etc/zabbix\_server.conf

|  |
| --- |
| DBHost=::1 |

* + 1. 修改zabbix网页配置文件/etc/zabbix/web/zabbix.conf.php

|  |
| --- |
| <?php  // Zabbix GUI configuration file.  global $DB;  $DB['TYPE'] = 'MYSQL';  $DB['SERVER'] = '[::1]'; #ipv6 url地址需要加[]  $DB['PORT'] = '0';  $DB['DATABASE'] = 'zabbix';  $DB['USER'] = 'zabbix';  $DB['PASSWORD'] = 'mysql1331';  // Schema name. Used for IBM DB2 and PostgreSQL.  $DB['SCHEMA'] = '';  $ZBX\_SERVER = '::1';  $ZBX\_SERVER\_PORT = '10051';  $ZBX\_SERVER\_NAME = '';  $IMAGE\_FORMAT\_DEFAULT = IMAGE\_FORMAT\_PNG; |

## Java

### 数据库连接配置

采用如下格式

jdbc.url=jdbc:mysql://address=(protocol=tcp)(host=v6ip)(port=port)/soss?characterEncoding=utf-8&autoReconnect=true&failOverReadOnly=false&zeroDateTimeBehavior=convertToNull

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-trace/WEB-INF/classes/properties/config.properties

|  |
| --- |
| hibernate.dialect=org.hibernate.dialect.MySQLDialect  driverClassName=com.mysql.jdbc.Driver  validationQuery=SELECT 1  jdbc\_url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/soss?useUnicode=true&characterEncoding=UTF-8&zeroDateTimeBehavior=convertToNull&useSSL=false  jdbc\_username=root  jdbc\_password=mysql1331 |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-zabbix/WEB-INF/classes/properties/config.properties

|  |
| --- |
| jdbc\_url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/zabbix?useUnicode=true&characterEncoding=UTF-8&zeroDateTimeBehavior=convertToNull&useSSL=false  jdbc\_username=root  jdbc\_password=mysql1331  #topopath=/topo/zabbix.xml  auditLogProject.leftpath=http://www.cintel19.com:6007/soss-zabbix |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-web/WEB-INF/classes/properties/db.properties

|  |
| --- |
| jdbc.driver=com.mysql.jdbc.Driver  jdbc.url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/soss?characterEncoding=utf-8&autoReconnect=true&failOverReadOnly=false&zeroDateTimeBehavior=convertToNull  jdbc.username=root  jdbc.password=mysql1331  jdbc.filters=stat |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-etcd/WEB-INF/classes/properties/database.properties

|  |
| --- |
| db.url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/soss?useUnicode=true&characterEncoding=utf-8  db.user=root  db.password=mysql1331 |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-api/WEB-INF/classes/properties/jdbc.properties

|  |
| --- |
| jdbc.driver=com.mysql.jdbc.Driver  jdbc.url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/zabbix?characterEncoding=utf-8&autoReconnect=true&failOverReadOnly=false&zeroDateTimeBehavior=convertToNull&useSSL=false  jdbc.username=root  jdbc.password=mysql1331 |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-sact/WEB-INF/classes/properties/database.properties

|  |
| --- |
| db.url=jdbc:mysql://address=(protocol=tcp)(host=::1)(port=3306)/zabbix?useUnicode=true&characterEncoding=utf-8  db.user=root  db.password=mysql1331 |

### Url地址

所有配置文件中原有ipv4地址替换为对应的ipv6地址域名（要求可正常解析为ipv6地址）

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-trace/WEB-INF/classes/properties/param.properties

|  |
| --- |
| path=/home/cin-soss/local/war/xml/  #tempPath=E:\\fapiao\\mayankui\\  tempPath=/home/cin-soss/local/war/txt/  #192.168.2.77=sipgw2  #192.168.2.105=scf1  #192.168.2.228=scf0  #获取 traceAgent 用户列表  getUserPath=http://192.168.2.77:8099/ta/onlineusers;  visual\_server=http://www.cintel19.com:6007/soss-zabbix  agent\_adress=/etc/ansible/ |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-zabbix/WEB-INF/classes/properties/monitor.properties

|  |
| --- |
| userName=admin  passWord=Y2luLjEyMzQ1Ng\=\=  url=http\://www.cintel19.com:19444/api\_jsonrpc.php  visual\_server=http://www.cintel19.com:6007/soss-zabbix  zbx.zabbixUrl=http://www.cintel19.com:19444/api\_jsonrpc.php  zbx.username=admin  zbx.password=cin.123456  #zbx.webconsole=http://192.168.2.73:8888  download=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/item  type=.txt |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-web/WEB-INF/classes/properties/para.properties

|  |
| --- |
| visual\_server = http://www.cintel19.com:6007/soss-zabbix  soss-trace= http://www.cintel19.com:6007  #trace use  soss-web=http://www.cintel19.com:6007/soss-web  #cookie  monitor-user=www.cintel19.com  #zabbix lianjie de peizhi  monitor-zabbix=http://www.cintel19.com:19444/api\_jsonrpc.php  soss-zabbix=www.cintel19.com  monitor-port=:19444  #outside=http://106.120.216.3:6007  #traceAgent \u5f3a\u5236\u4e0b\u7ebf \u63a5\u53e3\u5730\u5740  logoutUser=http://192.168.2.77:8099/ta/onlineusers/delete  #traceAgent \u7528\u6237\u767b\u5f55 \u63a5\u53e3\u5730\u5740  loginTrace=http://192.168.2.77:8099/ta/onlineusers/login  #traceAgent \u5f00\u59cb\u8ddf\u8e2a \u63a5\u53e3\u5730\u5740  startTrace=http://192.168.2.77:8099/ta/task/start  #traceAgent \u83b7\u53d6\u7528\u6237\u5217\u8868 \u63a5\u53e3\u5730\u5740  getUser=http://192.168.2.77:8099/ta/onlineusers  #traceAgent \u505c\u6b62\u8ddf\u8e2a \u63a5\u53e3\u5730\u5740  stopTrace=http://192.168.2.77:8099/ta/task/stop  #historytrace-address=D://txt  real-address=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/item  trace-address=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/trace/trace/js  zip-address=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/trace/trace  historytrace-address=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/trace/historytrace/js  historyzip-address=/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/trace/historytrace  #es you guan de pei zhi  es-name=cluster.name  es-index=my-application  es-link=192.168.2.34  es-port=9300  #index=test\_trace\_2018-11-27  #index=test\_trace\_2018-11-29  index=trace\_0629\_02\*  type=signal |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-etcd/WEB-INF/classes/properties/params.properties

|  |
| --- |
| etcd.url=http://www.cintel19.com:2379  file.leftpath=/home/cin-soss/local/json\_config  batchfile.leftpath=/etc/ansible/file\_lower/files  ipAndHostNamefile.leftpath=/etc/ansible/file\_lower  auditLogProject.leftpath=http://www.cintel19.com:6007/soss-zabbix |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-api/WEB-INF/classes/properties/monitor.properties

|  |
| --- |
| userName=admin  passWord=Y2luLjEyMzQ1Ng\=\=  url=http\://www.cintel19.com:19444/api\_jsonrpc.php |

/home/cin-soss/local/war/apache-tomcat-9.0.20/webapps/soss-sact/WEB-INF/classes/properties/params.properties

|  |
| --- |
| zbx.zabbixUrl=http://www.cintel19.com:19444/api\_jsonrpc.php  zbx.username=admin  zbx.password=cin.123456  file.xlspath=/home/cin-soss/local/war/sactXls/ |