



rule 28 deny source 10.191.19.97 0  
rule 29 deny source 10.191.19.98 0  
rule 30 deny source 10.191.19.99 0  
rule 31 deny source 10.191.19.103 0  
rule 32 deny source 10.191.19.104 0  
rule 33 deny source 10.191.19.105 0  
rule 34 deny source 10.191.19.106 0  
rule 35 deny source 10.191.19.107 0  
rule 36 deny source 10.191.19.108 0  
rule 37 deny source 10.191.19.109 0  
rule 38 deny source 10.191.19.110 0  
rule 39 deny source 10.191.19.111 0  
rule 40 deny source 10.191.19.112 0  
rule 41 deny source 10.191.19.113 0  
rule 42 deny source 10.191.19.114 0  
rule 43 deny source 10.191.19.115 0  
rule 44 deny source 10.191.19.116 0  
rule 45 deny source 10.191.19.117 0  
rule 46 deny source 10.191.19.118 0  
rule 47 deny source 10.191.19.119 0  
rule 48 deny source 10.191.19.120 0  
rule 49 deny source 10.191.19.121 0  
rule 50 deny source 10.191.19.122 0  
rule 51 deny source 10.191.19.123 0  
rule 52 deny source 10.191.19.124 0  
rule 53 deny source 10.191.19.125 0  
rule 54 deny source 10.191.19.127 0  
rule 55 deny source 10.191.19.128 0  
rule 56 deny source 10.191.19.129 0  
rule 57 deny source 10.191.19.130 0  
rule 58 deny source 10.191.19.131 0  
rule 59 deny source 10.191.19.132 0  
rule 60 deny source 10.191.19.133 0  
rule 61 deny source 10.191.19.134 0  
rule 62 deny source 10.191.19.135 0  
rule 63 deny source 10.191.19.136 0  
rule 64 deny source 10.191.19.137 0  
rule 65 deny source 10.191.19.138 0  
rule 66 deny source 10.191.19.139 0  
rule 67 deny source 10.191.19.140 0  
rule 68 deny source 10.191.19.141 0  
rule 69 deny source 10.191.19.142 0  
rule 70 deny source 10.191.19.143 0  
rule 71 deny source 10.191.19.144 0  
rule 72 deny source 10.191.19.145 0  
rule 73 deny source 10.191.19.146 0  
rule 74 deny source 10.191.19.147 0  
rule 75 deny source 10.191.19.148 0  
rule 76 deny source 10.191.19.149 0  
rule 77 deny source 10.191.19.150 0  
rule 78 deny source 10.191.19.151 0  
rule 79 deny source 10.191.19.152 0  
rule 80 deny source 10.191.19.153 0  
rule 81 deny source 10.191.19.154 0  
rule 82 deny source 10.191.19.155 0  
rule 83 deny source 10.191.19.156 0  
rule 84 deny source 10.191.19.157 0  
rule 85 deny source 10.191.19.158 0  
rule 86 deny source 10.191.19.159 0  
rule 87 deny source 10.191.19.160 0  
rule 88 deny source 10.191.19.161 0  
rule 89 deny source 10.191.19.162 0  
rule 90 deny source 10.191.19.163 0  
rule 91 deny source 10.191.19.164 0

rule 92 deny source 10.191.19.165 0  
rule 93 deny source 10.191.19.166 0  
rule 94 deny source 10.191.19.167 0  
rule 95 deny source 10.191.19.168 0  
rule 96 deny source 10.191.19.169 0  
rule 97 deny source 10.191.19.170 0  
rule 98 deny source 10.191.19.171 0  
rule 99 deny source 10.191.19.172 0  
rule 100 deny source 10.191.19.173 0  
rule 101 deny source 10.191.19.174 0  
rule 102 deny source 10.191.19.175 0  
rule 103 deny source 10.191.19.176 0  
rule 104 deny source 10.191.19.177 0  
rule 105 deny source 10.191.19.178 0  
rule 106 deny source 10.191.19.179 0  
rule 107 deny source 10.191.19.180 0  
rule 108 deny source 10.191.19.181 0  
rule 109 deny source 10.191.19.182 0  
rule 110 deny source 10.191.19.183 0  
rule 111 deny source 10.191.19.184 0  
rule 112 deny source 10.191.19.185 0  
rule 113 deny source 10.191.19.186 0  
rule 114 deny source 10.191.19.187 0  
rule 115 deny source 10.191.19.188 0  
rule 116 deny source 10.191.19.189 0  
rule 117 deny source 10.191.19.190 0  
rule 118 deny source 10.191.19.191 0  
rule 119 deny source 10.191.19.192 0  
rule 120 deny source 10.191.19.193 0  
rule 121 deny source 10.191.19.194 0  
rule 122 deny source 10.191.19.195 0  
rule 123 deny source 10.191.19.196 0  
rule 124 deny source 10.191.19.197 0  
rule 125 deny source 10.191.19.198 0  
rule 126 deny source 10.191.19.199 0  
rule 127 deny source 10.191.19.200 0  
rule 128 deny source 10.191.19.201 0  
rule 129 deny source 10.191.19.202 0  
rule 130 deny source 10.191.19.203 0  
rule 131 deny source 10.191.19.204 0  
rule 132 deny source 10.191.19.205 0  
rule 133 deny source 10.191.19.206 0  
rule 134 deny source 10.191.19.207 0  
rule 135 deny source 10.191.19.208 0  
rule 136 deny source 10.191.19.209 0  
rule 137 deny source 10.191.19.210 0  
rule 138 deny source 10.191.19.211 0  
rule 139 deny source 10.191.19.212 0  
rule 140 deny source 10.191.19.213 0  
rule 141 deny source 10.191.19.214 0  
rule 142 deny source 10.191.19.215 0  
rule 143 deny source 10.191.19.216 0  
rule 144 deny source 10.191.19.217 0  
rule 145 deny source 10.191.19.218 0  
rule 146 deny source 10.191.19.219 0  
rule 147 deny source 10.191.19.220 0  
rule 148 deny source 10.191.19.221 0  
rule 149 deny source 10.191.19.222 0  
rule 150 deny source 10.191.19.223 0  
rule 151 deny source 10.191.19.224 0  
rule 152 deny source 10.191.19.225 0  
rule 153 deny source 10.191.19.226 0  
rule 154 deny source 10.191.19.227 0  
rule 155 deny source 10.191.19.228 0

```
rule 156 deny source 10.191.19.229 0
rule 157 deny source 10.191.19.230 0
rule 158 deny source 10.191.19.231 0
rule 159 deny source 10.191.19.232 0
rule 160 deny source 10.191.19.233 0
rule 161 deny source 10.191.19.234 0
rule 162 deny source 10.191.19.235 0
rule 163 deny source 10.191.19.236 0
rule 164 deny source 10.191.19.237 0
rule 165 deny source 10.191.19.238 0
rule 166 deny source 10.191.19.239 0
rule 167 deny source 10.191.19.240 0
rule 168 deny source 10.191.19.241 0
rule 169 deny source 10.191.19.242 0
rule 170 deny source 10.191.19.243 0
rule 171 deny source 10.191.19.244 0
rule 172 deny source 10.191.19.245 0
rule 173 deny source 10.191.19.246 0
rule 174 deny source 10.191.19.247 0
rule 175 deny source 10.191.19.248 0
rule 176 deny source 10.191.19.249 0
rule 177 deny source 10.191.19.250 0
rule 178 deny source 10.191.19.251 0
rule 179 deny source 10.191.19.252 0
rule 180 deny source 10.191.19.253 0
rule 181 deny source 10.191.19.254 0
rule 182 deny source 10.191.19.255 0
rule 300 permit
```

从ACL的策略条目来看，可能是由于策略的条目数量过多，从而导致下发时资源不足导致的，因此需要通过查看系统日志来进一步定位问题。

在查看系统日志时，有如下的反馈：

```
%Jun 17 00:00:16:008 2000 LZ-KJZ-1 FILTER/5/FLT_SET_POLICY_RESOURCE_FAIL: Failed to apply the filter policy to or refresh the filter policy 2000 on interface GigabitEthernet1/0/46 due to lack of resources.
```

根据日志提示基本可以确定是由于ACL策略条目数量过多而导致下发失败

#### 解决方法

需要优化ACL的策略配置后下发即可，具体配置如下：

```
undo acl number 2000
acl number 2020
rule 1 deny source 10.191.19.70 0
rule 2 deny source 10.191.19.71 0
rule 3 deny source 10.191.19.72 0
rule 4 deny source 10.191.19.73 0
rule 5 deny source 10.191.19.74 0
rule 6 deny source 10.191.19.75 0
rule 7 deny source 10.191.19.76 0
rule 8 deny source 10.191.19.77 0
rule 9 deny source 10.191.19.78 0
rule 10 deny source 10.191.19.79 0
rule 11 deny source 10.191.19.80 0.0.0.15
rule 12 deny source 10.191.19.96 0.0.0.15
rule 13 deny source 10.191.19.112 0.0.0.15
rule 14 deny source 10.191.19.128 0.0.0.127
quit

interface GigabitEthernet1/0/46
port access vlan 16
loopback-detection enable
loopback-detection action shutdown
packet-filter 2020 inbound
```

