

```
1  no spanning-tree
2  spanning-tree bpdu filtering
3  !
4  vlan database
5  vlan 2-4093
6  exit
7  !
8  errdisable recovery interval 120
9  errdisable recovery cause loopback-detection
10 errdisable recovery cause port-security
11 !
12 loopback-detection enable
13 !
14 qos advanced
15 ip access-list extended IPOE_ACL
16 permit ip any any 172.25.0.0 0.0.255.255
17 exit
18 mac access-list extended PPPOE_Clear
19 permit any any 8863 0000
20 permit any any 8864 0000
21 exit
22 class-map IPOE_Class
23 match access-group IPOE_ACL
24 exit
25 policy-map IPOE_Policy
26 class IPOE_Class
27 set cos 0
28 exit
29 exit
30 !
31 management access-list ACCESS
32 permit vlan123
33 permit vlan124
34 permit vlan1
35 exit
36 management access-class ACCESS
37 !
38 logging host 172.18.1.99 severity debugging
39 no logging console
40 !
41 aaa authentication enable default line
42 aaa authentication login default line
43 enable password level 15 encrypted ***
44 username admin password encrypted *** privilege 15
45 line console
46 password *** encrypted
47 exit
48 !
49 line telnet
50 password *** encrypted
51 exit
52 !
53 line ssh
54 password *** encrypted
55 exit
56 !
57 no ip http server
58 !
59 clock timezone zona +12
60 clock source sntp
61 sntp client poll timer 3600
62 sntp unicast client enable
63 sntp server 172.18.1.99
64 !
65 interface fastethernet 1/0/1
66 loopback-detection enable
67 switchport protected-port
68 storm-control broadcast enable
69 storm-control broadcast level kbps 64
70 storm-control include-multicast unknown-unicast
71 port security mode max-addresses
72 port security max 5
73 qos cos 5
```

```
74     service-acl input PPPOE_Clear
75 exit
76 !
77 interface fastethernet 1/0/2
78     loopback-detection enable
79     switchport protected-port
80     storm-control broadcast enable
81     storm-control broadcast level kbps 64
82     storm-control include-multicast unknown-unicast
83     port security mode max-addresses
84     port security max 5
85     qos cos 5
86     service-acl input PPPOE_Clear
87 exit
88 !
89 interface fastethernet 1/0/3
90     loopback-detection enable
91     switchport protected-port
92     storm-control broadcast enable
93     storm-control broadcast level kbps 64
94     storm-control include-multicast unknown-unicast
95     port security mode max-addresses
96     port security max 5
97     qos cos 5
98     service-acl input PPPOE_Clear
99 exit
100 !
101 interface fastethernet 1/0/4
102     loopback-detection enable
103     switchport protected-port
104     storm-control broadcast enable
105     storm-control broadcast level kbps 64
106     storm-control include-multicast unknown-unicast
107     port security mode max-addresses
108     port security max 5
109     qos cos 5
110     service-acl input PPPOE_Clear
111 exit
112 !
113 interface fastethernet 1/0/5
114     loopback-detection enable
115     switchport protected-port
116     storm-control broadcast enable
117     storm-control broadcast level kbps 64
118     storm-control include-multicast unknown-unicast
119     port security mode max-addresses
120     port security max 5
121     qos cos 5
122     service-acl input PPPOE_Clear
123 exit
124 !
125 interface fastethernet 1/0/6
126     loopback-detection enable
127     switchport protected-port
128     storm-control broadcast enable
129     storm-control broadcast level kbps 64
130     storm-control include-multicast unknown-unicast
131     port security mode max-addresses
132     port security max 5
133     qos cos 5
134     service-acl input PPPOE_Clear
135 exit
136 !
137 interface fastethernet 1/0/7
138     loopback-detection enable
139     switchport protected-port
140     storm-control broadcast enable
141     storm-control broadcast level kbps 64
142     storm-control include-multicast unknown-unicast
143     port security mode max-addresses
144     port security max 5
145     qos cos 5
146     service-acl input PPPOE_Clear
```

```
147 exit
148 !
149 interface fastethernet 1/0/8
150   loopback-detection enable
151   switchport protected-port
152   storm-control broadcast enable
153   storm-control broadcast level kbps 64
154   storm-control include-multicast unknown-unicast
155   port security mode max-addresses
156   port security max 5
157   qos cos 5
158   service-acl input PPPOE_Clear
159 exit
160 !
161 interface fastethernet 1/0/9
162   loopback-detection enable
163   switchport protected-port
164   storm-control broadcast enable
165   storm-control broadcast level kbps 64
166   storm-control include-multicast unknown-unicast
167   port security mode max-addresses
168   port security max 5
169   qos cos 5
170   service-acl input PPPOE_Clear
171 exit
172 !
173 interface fastethernet 1/0/10
174   loopback-detection enable
175   switchport protected-port
176   storm-control broadcast enable
177   storm-control broadcast level kbps 64
178   storm-control include-multicast unknown-unicast
179   port security mode max-addresses
180   port security max 5
181   qos cos 5
182   service-acl input PPPOE_Clear
183 exit
184 !
185 interface fastethernet 1/0/11
186   loopback-detection enable
187   switchport protected-port
188   storm-control broadcast enable
189   storm-control broadcast level kbps 64
190   storm-control include-multicast unknown-unicast
191   port security mode max-addresses
192   port security max 5
193   qos cos 5
194   service-acl input PPPOE_Clear
195 exit
196 !
197 interface fastethernet 1/0/12
198   loopback-detection enable
199   switchport protected-port
200   storm-control broadcast enable
201   storm-control broadcast level kbps 64
202   storm-control include-multicast unknown-unicast
203   port security mode max-addresses
204   port security max 5
205   qos cos 5
206   service-acl input PPPOE_Clear
207 exit
208 !
209 interface fastethernet 1/0/13
210   loopback-detection enable
211   switchport protected-port
212   storm-control broadcast enable
213   storm-control broadcast level kbps 64
214   storm-control include-multicast unknown-unicast
215   port security mode max-addresses
216   port security max 5
217   qos cos 5
218   service-acl input PPPOE_Clear
219 exit
```

```
220  !
221  interface fastethernet 1/0/14
222      loopback-detection enable
223      switchport protected-port
224      storm-control broadcast enable
225      storm-control broadcast level kbps 64
226      storm-control include-multicast unknown-unicast
227      port security mode max-addresses
228      port security max 5
229      qos cos 5
230      service-acl input PPPOE_Clear
231  exit
232  !
233  interface fastethernet 1/0/15
234      loopback-detection enable
235      switchport protected-port
236      storm-control broadcast enable
237      storm-control broadcast level kbps 64
238      storm-control include-multicast unknown-unicast
239      port security mode max-addresses
240      port security max 5
241      qos cos 5
242      service-acl input PPPOE_Clear
243  exit
244  !
245  interface fastethernet 1/0/16
246      loopback-detection enable
247      switchport protected-port
248      storm-control broadcast enable
249      storm-control broadcast level kbps 64
250      storm-control include-multicast unknown-unicast
251      port security mode max-addresses
252      port security max 5
253      qos cos 5
254      service-acl input PPPOE_Clear
255  exit
256  !
257  interface fastethernet 1/0/17
258      loopback-detection enable
259      switchport protected-port
260      storm-control broadcast enable
261      storm-control broadcast level kbps 64
262      storm-control include-multicast unknown-unicast
263      port security mode max-addresses
264      port security max 5
265      qos cos 5
266      service-acl input PPPOE_Clear
267  exit
268  !
269  interface fastethernet 1/0/18
270      loopback-detection enable
271      switchport protected-port
272      storm-control broadcast enable
273      storm-control broadcast level kbps 64
274      storm-control include-multicast unknown-unicast
275      port security mode max-addresses
276      port security max 5
277      qos cos 5
278      service-acl input PPPOE_Clear
279  exit
280  !
281  interface fastethernet 1/0/19
282      loopback-detection enable
283      switchport protected-port
284      storm-control broadcast enable
285      storm-control broadcast level kbps 64
286      storm-control include-multicast unknown-unicast
287      port security mode max-addresses
288      port security max 5
289      qos cos 5
290      service-acl input PPPOE_Clear
291  exit
292  !
```

```
293 interface fastethernet 1/0/20
294     loopback-detection enable
295     switchport protected-port
296     storm-control broadcast enable
297     storm-control broadcast level kbps 64
298     storm-control include-multicast unknown-unicast
299     port security mode max-addresses
300     port security max 5
301     qos cos 5
302     service-acl input PPPOE_Clear
303 exit
304 !
305 interface fastethernet 1/0/21
306     loopback-detection enable
307     switchport protected-port
308     storm-control broadcast enable
309     storm-control broadcast level kbps 64
310     storm-control include-multicast unknown-unicast
311     port security mode max-addresses
312     port security max 5
313     qos cos 5
314     service-acl input PPPOE_Clear
315 exit
316 !
317 interface fastethernet 1/0/22
318     loopback-detection enable
319     switchport protected-port
320     storm-control broadcast enable
321     storm-control broadcast level kbps 64
322     storm-control include-multicast unknown-unicast
323     port security mode max-addresses
324     port security max 5
325     qos cos 5
326     service-acl input PPPOE_Clear
327 exit
328 !
329 interface fastethernet 1/0/23
330     loopback-detection enable
331     switchport protected-port
332     storm-control broadcast enable
333     storm-control broadcast level kbps 64
334     storm-control include-multicast unknown-unicast
335     port security mode max-addresses
336     port security max 5
337     qos cos 5
338     service-acl input PPPOE_Clear
339 exit
340 !
341 interface fastethernet 1/0/24
342     loopback-detection enable
343     switchport protected-port
344     storm-control broadcast enable
345     storm-control broadcast level kbps 64
346     storm-control include-multicast unknown-unicast
347     port security mode max-addresses
348     port security max 5
349     qos cos 5
350     service-acl input PPPOE_Clear
351 exit
352 !
353 interface gigabitethernet 1/0/1
354     loopback-detection enable
355     switchport mode trunk
356     switchport trunk allowed vlan add 2-4093
357     switchport default-vlan tagged
358 exit
359 !
360 interface gigabitethernet 1/0/2
361     loopback-detection enable
362     switchport mode trunk
363     switchport trunk allowed vlan add 2-4093
364     switchport default-vlan tagged
365 exit
```

```
366  !
367  interface gigabitethernet 1/0/3
368      loopback-detection enable
369      switchport mode trunk
370      switchport trunk allowed vlan add 2-4093
371      switchport default-vlan tagged
372  exit
373  !
374  interface gigabitethernet 1/0/4
375      loopback-detection enable
376      switchport mode trunk
377      switchport trunk allowed vlan add 2-4093
378      switchport default-vlan tagged
379  exit
380  !
381  interface vlan 1
382      ip address *.*.*. 255.255.240.0
383      no ip address dhcp
384  exit
385  interface vlan 123
386      ip address *.*.*. 255.255.240.0
387  exit
388  ip default-gateway *.*.*.
389  !
390
```