

FEM config LFB

Forwarding and Control Element Separation
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Have Attributes, Will Travel

One ring to rule them all, one ring to find them,

One ring to bring them all, and in the darkness bind them

- Dark Lord Sauron

Sample FEM config file

```
fe = {
  name = "fe02"
  feid = "0x2"
  feip = "10.0.0.2"
  allces = [
    ["0x3", "10.0.0.1"],
    ["5", "10.0.0.127"],
  ]
  lfbs = [
    ["1027", "OFFlowTables"],
    ["1034", "EtherMACIn"],
  ]
  debug = "3"
  background = "false"
  associate = "true"
  //operenable = "true"
  syslog = "false"
  consolelog = "true"
  HAmode = "hot-standby"
  HArestart = "graceful"
} //end fe02 definition
```

FEM config to LFB

```
fe = {  
  name = "fe02"  
  feid = "0x2"  
  feip = "10.0.0.2"  
  allces = [  
    ["0x3", "10.0.0.1"],  
    ["5", "10.0.0.127"],  
  ]  
  lfbs = [  
    ["1027", "OFFlowTables"],  
    ["1034", "EtherMACIn"],  
  ]  
  debug = "3"  
  background = "false"  
  associate = "true"  
  //operenable = "true"  
  syslog = "false"  
  consolelog = "true"  
  HAmode = "hot-standby"  
  HArestart = "graceful"  
}
```

Table of fes

string: name (RO)

uint32: feid (RO)

ipv4addr: feip (RO)

Table of allces (RW)

struct {uint32: CEID, ipv4addr: CEIP}

Table lfbs of lfbs (RW)

struct {uint32: LfbClass, string: LFBname}

uint32: debug (RW)

bool: background (RO)

bool: associate (RO)

bool: operenable(RO)

bool syslog (RW)

bool consolelog (RW)

uint8 HAmode (RO)

uint8 HArestart (RO)