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GTP Tunneling Protocol Settings

Section "fast-epdg.tunnel.pgw"

Parameter	Description	Value
gtp {}	GTP protocol settings	

Template:

```
fast-epdg {
  tunnel {
    iface =
    pdn =
    pgw {
      gtp {}
    }
  }
}
```

Example:

```
fast-epdg {
  tunnel {
    iface = epdg
    pdn = ipv4
    pgw {
      gtp {}
    }
  }
}
```

Section "fast-epdg.tunnel.pgw.gtp"

Parameter	Description	Value
mcc	Operator's MCC	XXX
mnc	Operator's MNC	YYY
realm	Served realm	epc.mncYYY.mccXXX.3gppnetwork.org
gtp-server-name-1 {}	GTP server settings #1	
gtp-server-name-2 {}	GTP server settings #2	
gtp-server-name-n {}	GTP server settings #n	

Template:

```
fast-epdg {
  tunnel {
    iface =
    pdn =
```

```

pgw {
  gtp {
    mcc =
    mnc =
    tac =
    cid =
    enbid =
    realm =
    gtp-server-name-1 {}
    gtp-server-name-2 {}
    gtp-server-name-n {}
  }
}

```

Example:

```

fast-epdg {
  tunnel {
    iface = epdg
    pdn = ipv4
    pgw {
      gtp {
        mcc =
        mnc =
        tac =
        cid =
        enbid =
        realm =
        gtp-server-name-1 {}
        gtp-server-name-2 {}
        gtp-server-name-n {}
      }
    }
  }
}

```

Section "fast-epdg.tunnel.pgw.gtp.gtp-server-name-n"

Parameter	Description	Value
apn	Served APN	ims
priority	Server priority	0-100
devname	Tunneling device	[tun][gtp]
devmode	Tunneling mode	[soft][kernel]
subnet	APN subnet	AAA.BBB.CCC.DDD/MM, 1111.2222.3333.4444.5555.6666.7777.8888/MM
qos {}	Default bearer QoS settings	
gtp-c {}	GTP-C settings	

Parameter	Description	Value
gtp-u {}	GTP-U settings	

Template:

```

fast-epdg {
  tunnel {
    iface =
    pdn =
    pgw {
      gtp {
        mcc =
        mnc =
        tac =
        cid =
        enbid =
        realm =
        gtp-server-name-1 {
          apn =
          priority =
          devname =
          devmode =
          subnet =
          qos {}
          gtp-c {}
          gtp-u {}
        }
        gtp-server-name-2 {
          apn =
          priority =
          devname =
          devmode =
          subnet =
          qos {}
          gtp-c {}
          gtp-u {}
        }
      }
    }
  }
}

```

Example:

```

fast-epdg {
  tunnel {
    iface = epdg
    pdn = ipv4
    pgw {
      gtp {
        mcc =

```



```

    tac =
    cid =
    enbid =
    realm =
    gtp-server-name-1 {
        apn =
        priority =
        devname =
        devmode =
        subnet =
        qos {
            qci =
            mbr_ul =
            mbr_dl =
            gbr_ul =
            gbr_dl =
        }
        gtp-c {}
        gtp-u {}
    }
}
}
}
}
}
}
}

```

Example:

```

fast-epdg {
    tunnel {
        iface = epdg
        pdn = ipv4
        pgw {
            gtp {
                mcc =
                mnc =
                tac =
                cid =
                enbid =
                realm =
                gtp-server-name-1 {
                    apn = ims
                    priority = 50
                    devname = tun0
                    devmode =
                    subnet = 10.1.0.0/16,2001:10::0/48
                    qos {
                        qci = 5
                        mbr_ul = 128
                        mbr_dl = 128
                        gbr_ul = 128
                        gbr_dl = 128
                    }
                }
            }
        }
    }
}

```

```

    }
    gtp-c {}
    gtp-u {}
  }
}

```

Section "fast-epdg.tunnel.pgw.gtp.gtp-server-name-n.gtp-c"

Parameter	Description	Value
local	GTP-C client address	AAA.BBB.CCC.DDD, 1111.2222.3333.4444.5555.6666.7777.8888
remote	GTP-C server address	AAA.BBB.CCC.DDD, 1111.2222.3333.4444.5555.6666.7777.8888

Template:

```

fast-epdg {
  tunnel {
    iface =
    pdn =
    pgw {
      gtp {
        mcc =
        mnc =
        tac =
        cid =
        enbid =
        realm =
        gtp-server-name-1 {
          apn =
          priority =
          devname =
          devmode =
          subnet =
          qos {
            qci =
            mbr_ul =
            mbr_dl =
            gbr_ul =
            gbr_dl =
          }
          gtp-c {
            local =
            remote =
          }
          gtp-u {}
        }
      }
    }
  }
}

```



```
}  
}
```

Example:

```
fast-epdg {  
  tunnel {  
    iface = epdg  
    pdn = ipv4  
    pgw {  
      gtp {  
        mcc =  
        mnc =  
        tac =  
        cid =  
        enbid =  
        realm =  
        gtp-server-name-1 {  
          apn = ims  
          priority = 50  
          devname = tun0  
          devmode =  
          subnet = 10.1.0.0/16,2001:10::0/48  
          qos {  
            qci = 5  
            mbr_ul = 128  
            mbr_dl = 128  
            gbr_ul = 128  
            gbr_dl = 128  
          }  
          gtp-c {  
            local = 192.168.1.1,2001:1::1  
            remote = 192.168.2.1,2001:2::1  
          }  
          gtp-u {}  
        }  
      }  
    }  
  }  
}
```

Section "fast-epdg.tunnel.pgw.gtp.gtp-server-name-n.gtp-u"

Parameter	Description	Value
local	GTP-U client address	AAA.BBB.CCC.DDD, 1111.2222.3333.4444.5555.6666.7777.8888
remote	GTP-U server address	AAA.BBB.CCC.DDD, 1111.2222.3333.4444.5555.6666.7777.8888

Template:

```

fast-epdg {
  tunnel {
    iface =
    pdn =
    pgw {
      gtp {
        mcc =
        mnc =
        tac =
        cid =
        enbid =
        realm =
        gtp-server-name-1 {
          apn =
          priority =
          devname =
          devmode =
          subnet =
          qos {
            qci =
            mbr_ul =
            mbr_dl =
            gbr_ul =
            gbr_dl =
          }
          gtp-c {
            local =
            remote =
          }
          gtp-u {
            local =
            remote =
          }
        }
      }
    }
  }
}

```

Example:

```

fast-epdg {
  tunnel {
    iface = epdg
    pdn = ipv4
    pgw {
      gtp {
        mcc =
        mnc =
        tac =
        cid =

```

```
enbid =
realm =
gtp-server-name-1 {
    apn = ims
    priority = 50
    devname = tun0
    devmode =
    subnet = 10.1.0.0/16,2001:10::0/48
    qos {
        qci = 5
        mbr_ul = 128
        mbr_dl = 128
        gbr_ul = 128
        gbr_dl = 128
    }
    gtp-c {
        local = 192.168.1.1,2001:1::1
        remote = 192.168.2.1,2001:2::1
    }
    gtp-u {
        local = 192.168.1.1,2001:1::1
        remote = 192.168.2.1,2001:2::1
    }
}
}
}
}
}
}
```