

Table of Contents

SWx Authorization Interface Settings	3
Section "fast-epdg.auth"	3
Section "fast-epdg.auth.swx"	3
Section "fast-epdg.auth.swx.<diameter-hss-server-name-n>"	4

SWx Authorization Interface Settings

Section "fast-epdg.auth"

Parameter	Description	Value
iface	Used interface	[SWm][SWx]

Template:

```
fast-epdg {
  auth {
    iface =
    swm {}
    swx {}
    s6b {}
  }
}
```

Section "fast-epdg.auth.swx"

Parameter	Description	Value
realm	Serviced realm	epc.mncYYY.mccXXX.3gppnetwork.org
host	Client hostname	epdg.epc.mncYYY.mccXXX.3gppnetwork.org
<diameter-hss-server-name-1> {}	HSS Server #1 parameters	
<diameter-hss-server-name-2> {}	HSS Server #2 parameters	
<diameter-hss-server-name-n> {}	HSS Server #n parameters	

Template:

```
fast-epdg {
  auth {
    iface =
    swx {
      realm =
      host =
      <server-name> {}
    }
  }
}
```

Example:

```
fast-epdg {
```

```

auth {
  iface = SWx
  swx {
    realm = epc.mnc002.mcc250.3gppnetwork.org
    host = epdg.epc.mnc002.mcc250.3gppnetwork.org
    <server-name> {}
  }
}

```

Section "fast-epdg.auth.swx.<diameter-hss-server-name-n>"

Parameter	Description	Value
priority	Load balancing priority	0-100
local	HSS Server address:port	IPv4: x.x.x.x:p, where x — a decimal number from 0 to 255, p — the port IPv6: [y:y:y:y:y:y:y:y]:p, where y — a hexadecimal number from 0000 to FFFF, p — the port
remote	HSS Client address:port	IPv4: x.x.x.x:p, where x — a decimal number from 0 to 255, p — the port IPv6: [y:y:y:y:y:y:y:y]:p, where y — a hexadecimal number from 0000 to FFFF, p — the port
proto	Transport protocol	[sctp][tcp]

Template:

```

fast-epdg {
  auth {
    iface =
    swx {
      realm =
      host =
      diameter-hss-server-1 {
        priority =
        local =
        remote =
        proto =
        tls =
      }
      diameter-hss-server-2 {
        priority =
        local =
        remote =
        proto =
        tls =
      }
    }
  }
}

```

```
    }
    diameter-hss-server-3 {
        priority =
        local =
        remote =
        proto =
        tls =
    }
}
}
```

Example:

```
fast-epdg {
    auth {
        iface = SWx
        swx {
            realm = epc.mnc002.mcc250.3gppnetwork.org
            host = epdg.epc.mnc002.mcc250.3gppnetwork.org
            diameter-hss-server-1 {
                priority = 50
                local = 192.168.1.1:3868
                remote = 192.168.2.1:3868
                proto = sctp
                tls = on
            }
            diameter-hss-server-2 {
                priority = 30
                local = 192.168.1.1:3869
                remote = 192.168.2.2:3868
                proto = sctp
                tls = on
            }
            diameter-hss-server-3 {
                priority = 20
                local = 192.168.1.1:3870
                remote = 192.168.2.3:3868
                proto = sctp
                tls = on
            }
        }
    }
}
```