

Dynamips Configuration File

```
# NSRC REN Routing Workshop lab
# Using c7200-advipservicesk9-mz.152-4.S7

model = 7200

[localhost]
  udp = 40100
  [[7200]]
    image = c7200-1524S7
    ram = 160
    npe = npe-400
    ghostios = True
    idlepc = 0x631891f8

#####
## Regional REN

  [[router RREN]]
    model = 7200
    console = 2001
    aux = 3001
    g1/0 = NREN1 g1/0
    g2/0 = NREN2 g1/0
    g3/0 = IXP 3

#####
## National REN 1

  [[router NREN1]]
    model = 7200
    console = 2002
    aux = 3002
    g1/0 = RREN g1/0
    g2/0 = ISP1 g2/0
    g3/0 = R11 g1/0
    g4/0 = R21 g1/0
    g5/0 = R31 g1/0

#####
## IXP

  [[ETHSW IXP]]
    1 = access 1
    2 = access 1
    3 = access 1
```

```
#####
```

```
# ISP 1
```

```
[[router ISP1]]
```

```
model    = 7200
console  = 2003
aux      = 3003
g1/0     = IXP 1
g2/0     = NREN1 g2/0
g3/0     = R12 g1/0
g4/0     = R22 g1/0
g5/0     = R32 g1/0
```

```
#####
```

```
# Group 1
```

```
[[router R11]]
```

```
model    = 7200
console  = 2011
aux      = 3011
g1/0     = NREN1 g3/0
g2/0     = R12 g2/0
g3/0     = R32 g3/0
```

```
[[router R12]]
```

```
model    = 7200
console  = 2012
aux      = 3012
g1/0     = ISP1 g3/0
g2/0     = R11 g2/0
g3/0     = R21 g3/0
```

```
#####
```

```
# Group 2
```

```
[[router R21]]
```

```
model    = 7200
console  = 2021
aux      = 3021
g1/0     = NREN1 g4/0
g2/0     = R22 g2/0
g3/0     = R12 g3/0
```

```
[[router R22]]
```

```
model    = 7200
console  = 2022
aux      = 3022
g1/0     = ISP1 g4/0
g2/0     = R21 g2/0
g3/0     = R31 g3/0
```

```
#####
```

```
# Group 3
```

```
[[router R31]]
  model    = 7200
  console  = 2031
  aux      = 3031
  g1/0     = NREN1 g5/0
  g2/0     = R32 g2/0
  g3/0     = R22 g3/0
```

```
[[router R32]]
  model    = 7200
  console  = 2032
  aux      = 3032
  g1/0     = ISP1 g5/0
  g2/0     = R31 g2/0
  g3/0     = R11 g3/0
```

```
#####
```

```
# National REN 2
```

```
[[router NREN2]]
  model    = 7200
  console  = 2004
  aux      = 3004
  g1/0     = RREN g2/0
  g2/0     = ISP2 g2/0
  g3/0     = R41 g1/0
  g4/0     = R51 g1/0
  g5/0     = R61 g1/0
```

```
#####
```

```
# ISP 2
```

```
[[router ISP2]]
  model    = 7200
  console  = 2005
  aux      = 3005
  g1/0     = IXP 2
  g2/0     = NREN2 g2/0
  g3/0     = R42 g1/0
  g4/0     = R52 g1/0
  g5/0     = R62 g1/0
```

```
#####
```

```
# Group 4
```

```
[[router R41]]
  model    = 7200
  console  = 2041
```

```
aux      = 3041
g1/0     = NREN2 g3/0
g2/0     = R42 g2/0
g3/0     = R62 g3/0
```

```
[[router R42]]
model    = 7200
console  = 2042
aux      = 3042
g1/0     = ISP2 g3/0
g2/0     = R41 g2/0
g3/0     = R51 g3/0
```

```
#####
```

```
# Group 5
```

```
[[router R51]]
model    = 7200
console  = 2051
aux      = 3051
g1/0     = NREN2 g4/0
g2/0     = R52 g2/0
g3/0     = R42 g3/0
```

```
[[router R52]]
model    = 7200
console  = 2052
aux      = 3052
g1/0     = ISP2 g4/0
g2/0     = R51 g2/0
g3/0     = R61 g3/0
```

```
#####
```

```
# Group 6
```

```
[[router R61]]
model    = 7200
console  = 2061
aux      = 3061
g1/0     = NREN2 g5/0
g2/0     = R62 g2/0
g3/0     = R52 g3/0
```

```
[[router R62]]
model    = 7200
console  = 2062
aux      = 3062
g1/0     = ISP2 g5/0
g2/0     = R61 g2/0
g3/0     = R41 g3/0
```

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