

Default Routing

Default Routing

- ▶ » Eliminates requirements of destination prefix and mask
- ▶ » Usually configured for Internet-specific routing with ISP
- ▶ » Can cause routing loop if not configured properly

Implementing Default Route

- ▶ » Configuration (next-hop)
- ▶ • Router(config)#ip route 0.0.0.0 0.0.0.0 <next-hop>
- ▶ » Configuration (outgoing interface)
- ▶ • Router(config)#ip route 0.0.0.0 0.0.0.0 <outgoinginterface>

Verification

- ▶ » Verification commands
- ▶ • Router# show ip route
- ▶ • Router# show running-config | include ip route
- ▶ • Router# show ip route <prefix> <mask>

Troubleshooting

- ▶ » Troubleshooting commands
- ▶ • Router# debug ip packet
- ▶ • Router# debug ip routing

Floating static route

