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Configuring APPN over PPP Multilink Connections

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Introduction

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Introduction

This document provides a sample configuration for Advanced Peer-to-Peer Networking (APPN) over PPP multilink connections.

Before You Begin

Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

Prerequisites

There are no specific prerequisites for this document.

Components Used

This document is not restricted to specific software and hardware versions.

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

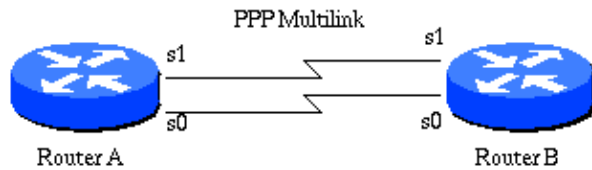
Configure

In this section, you are presented with the information to configure the features described in this document.

Note: To find additional information on the commands used in this document, use the Command Lookup Tool (registered customers only).

Network Diagram

This document uses the network setup shown in the diagram below.



Configurations

This document uses the configurations shown below.

RouterA	RouterB
<pre>hostname RouterA username RouterA password 7 86428642 username RouterB password 7 97531975 interface Serial0 encapsulation ppp no keepalive dialer in-band dialer idle-timeout 30 dialer rotary-group 1 pulse-time 1 interface Serial1 no ip address encapsulation ppp no keepalive dialer in-band dialer idle-timeout 30 dialer rotary-group 1 pulse-time 1 interface Dialer1 ip address 1.1.1.1 255.255.255.0 encapsulation ppp dialer in-band dialer idle-timeout 30 dialer map llc2 name RouterB dialer map ip 1.1.1.2 name RouterB dialer load-threshold 1 either dialer-group 1 ppp multilink ppp authentication chap appn control-point NETA.ROUTERA complete appn port DIAL Dialer1 complete appn link-station ROUTERB port DIAL complete</pre>	<pre>hostname RouterB username RouterB password 7 97531975 username RouterA password 7 86428642 interface Serial0 encapsulation ppp no keepalive dialer in-band dialer idle-timeout 30 dialer rotary-group 1 pulse-time 1 interface Serial1 no ip address encapsulation ppp no keepalive dialer in-band dialer idle-timeout 30 dialer rotary-group 1 pulse-time 1 interface Dialer1 ip address 1.1.1.2 255.255.255.0 encapsulation ppp dialer in-band dialer idle-timeout 30 dialer map ip 1.1.1.1 name RouterA dialer map llc2 name RouterA dialer load-threshold 1 either dialer-group 1 ppp multilink ppp authentication chap appn control-point NETA.ROUTERB complete appn port DIAL Dialer1 complete appn link-station ROUTERA port DIAL</pre>

```
dialer-list 1 protocol ip permit  
dialer-list 1 protocol llc2 permit
```

```
complete
```

```
dialer-list 1 protocol ip permit  
dialer-list 1 protocol llc2 permit
```

Verify

The verification commands are included in the configurations above.

Troubleshoot

The troubleshooting commands are included in the configurations above.

Related Information

- [Technical Support – Cisco Systems](#)

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