Agenda for the PPP Working Group

- The PPP Banyan Vines Control Protocol (BVCP)
  - draft-ietf-pppext-vines-01.txt
- The PPP XNS IDP Control Protocol (XNSCP)
  - draft-ietf-pppext-xnscp-00.txt
- The PPP Encryption Control Protocol (ECP)
  - draft-ietf-pppext-encryption-00.txt
- PPP for Data Compression in Data Circuit-Terminating Equipment (DCE)
  - draft-ietf-pppext-dce-compress-00.txt
- PPP LZS-DCP Compression Protocol (LZS-DCP)
  - draft-ietf-pppext-lzs-dcp-00.txt
- PPP Serial Data Transport Protocol (SDTP)
  - draft-ietf-pppext-sdtp-00.txt

The PPP Banyan Vines Control Protocol (BVCP)

- This document defines the Network Control Protocol for establishing and configuring the Banyan VINES protocol over PPP.

BVCP Configuration Options

Value	Option
1	BV-NS-RTP-Link-Type
2	BV-FRP
3	BV-RTP

BV-NS-RTP-Link-Type

- ... provides a way to negotiate the way the 4.11 Non-Sequenced Routing Update Protocol (NS-RTP) will run on the link.
- The acceptance of this option (by the peer) indicates that the peer will send NS-RTP updates as if the link was a LAN type.
- The rejection (or absence) of this option indicates that the peer will send NS-RTP updates as if the link was a WAN type.

```
 0                   1
 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
|     Type      |    Length     |
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
```

BV-FRP

- This Configuration Option provides a way to negotiate the use of VINES Fragmentation Protocol (FRP).
- If an MRU of less than 1484 is negotiated, FRP will be needed to send a full size VINES packet over the link.

```
 0                   1
 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
|     Type      |    Length     |
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
```

BV-RTP

- This Configuration Option provides a way to negotiate whether RTP is used over the link.
- If dial-up lines with static routes are being used, the use of RTP may be totally suppressed to conserve bandwidth on the link.
- By default, RTP packets are sent over the link.

```
 0                   1
 0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
|     Type      |    Length     |
+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+-+
```

The PPP XNS IDP Control Protocol (XNSCP)

- This document defines the Network Control Protocol for establishing and configuring the Xerox Network Systems (XNS) Internet Datagram Protocol (IDP) over PPP.
- XNSCP has no Configuration Options.