Note Well

Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:

- The IETF plenary session
- The IESG, or any member thereof on behalf of the IESG
- Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
- Any IETF working group or portion thereof
- The IAB or any member thereof on behalf of the IAB
- The RFC Editor or the Internet-Drafts function
- All IETF Contributions are subject to the rules of RFC 5378 and RFC 3979 (updated by RFC 4879).

Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice.

Please consult RFC 5378 and RFC 3979 for details.

A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.

A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
CHAIR(s): Susan Hares <shares@ghs.com>
        John Scudder <jgs@juniper.net>

AGENDA

- Administrivia                15 minutes
  - Chairs
    - Note Well
    - Scribe
    - Blue Sheets
    - Document Status
    - Charter

- draft-dong-idr-vpn-route-constrain-00  15 minutes
  Jie Dong

- draft-ietf-grow-bgp-graceful-shutdown-requirements-01.txt
  Bruno Decraene  15 minutes

- draft-decraene-idr-rfc4360-clarification-00
  Pierre Francois  15 minutes

- draft-vvds-add-paths-analysis-00.txt
  Pierre Francois  15 minutes

- draft-ietf-idr-advisory-00
  Tom Scholl  15 minutes

- draft-ietf-idr-bgp-bestpath-selection-criteria-00
  Rajiv Asati  15 minutes
IDR Working Group status

Susan Hares (skh@ndzh.com)
John Scudder (jgs@juniper.net)
Presenting at IDR

• No draft, no slot
• New: Slides at least one day before, or no slot
Document Status

• New Working Group Documents
  – draft-ietf-idr-bgp-bestpath-selection-criteria

• WGLC to begin after IETF
  – draft-ietf-idr-optional-transitive
  – Rfc4893bis

• Advance 4271 to Standard?
The Inter-Domain Routing Working Group is chartered to standardize and promote the Border Gateway Protocol Version 4 (BGP-4) [RFC 1771] capable of supporting policy based routing for TCP/IP internets.

The objective is to promote the use of BGP-4 to support IP version 4 and IP version 6. The working group will continue to work on improving the scalability of BGP.

The current tasks of the WG are limited to:

- Revise and clarify the base BGP4 document (RFC 1771). Note that RFC 1771 no longer documents existing practice and one goal of the update is document existing practice. Determine whether the document can be advanced as full Standard or needs to recycle at Proposed or Draft Standard.

- Submit updated base BGP4 MIB to accompany the revised base BGP4 document.

Once these tasks are finished (means WG consensus, WG Last Call, AD Review, IETF Last Call, and IESG approval for publication), work will progress on the following:

- Review and Evaluate Existing RFCs on AS Confederations and Route Reflection. If changes are needed, create and advance revisions.

- Review and evaluate Multiprotocol BGP (RFC 2858) for advancement as Draft Standard.

- Progress BGP Extended Communities along standards track.

- Extend BGP to support a 4-byte AS number, develop plan for transitioning to usage of 4-byte AS numbers. Advance support for a 4-byte AS numbers along standards track.

- Produce BGP MIB v2 that includes support for AS Confederations, Route Reflection, Communities, Multi-Protocol BGP, BGP Extended Communities, support for 4-byte AS numbers.

- Progress along the IETF standards track a BGP-based mechanism that allows a BGP speaker to send to its BGP peer a set of route filters that the peer would use to constrain/filter its outbound routing updates to the speaker. Currently defined in draft-ietf-idr-route-filter-03.txt.

- Progress along standards track an Outbound Router Filter (ORF) type for BGP, that can be used to perform aspath based route filtering. The ORF-type will support aspath based route filtering as well as regular expression based matching for address groups. Currently defined in draft-ietf-idr-aspath-orf-00.txt.

- Progress a BGP Graceful Restart mechanism along standards track.

- Progress Subcodes for BGP Cease Notification Message along standards track.

- Progress AS-wide Unique BGP Identifier for BGP-4 along standards track.

- Progress Dynamic Capability for BGP-4 along standards track.

- Progress Flow Specification rules along standards track.

Tasks for this working group are limited to those listed above; new items to be added to the charter must be approved by the IESG.
Charter Update — Proposed

The Inter-Domain Routing Working Group is chartered to standardize and promote the Border Gateway Protocol Version 4 (BGP-4) [RFC 4271] capable of supporting policy based routing for TCP/IP internets.

The objective is to promote the use of BGP-4 to support IP version 4 and IP version 6. The working group will continue to work on improving the robustness and scalability of BGP, and extending the protocol as otherwise needed.
Milestones

- Aug 2010 Base BGP specification (RFC 4271) as Full Standard
- Aug 2010 ASpath ORF draft to IESG as a Proposed Standard
- Aug 2010 Submit Dynamic Capability for BGP-4 to IESG as a Proposed Standard
- Aug 2010 Submit AS-wide Unique BGP Identifier for BGP-4 as a Proposed Standard
- Aug 2010 Submit MIB v2 for BGP-4 as a Proposed Standard
- Aug 2010 Submit Multisession BGP as a Proposed Standard
- Nov 2010 BGP Support for Four-octet AS Number Space (revised version)
- Nov 2010 Revisions to the BGP 'Minimum Route Advertisement Interval'
- Nov 2010 Advertisement of Multiple Paths in BGP
- Nov 2010 Error Handling for Optional Transitive BGP Attributes
- Nov 2010 BGP Link Bandwidth Extended Community
- Nov 2010 The Accumulated IGP Metric Attribute for BGP
- Nov 2010 Advertisement of the best external route in BGP
AGENDA

- Administrivia
  - Chairs
    - Note Well
    - Scribe
    - Blue Sheets
    - Document Status
    - Charter

- draft-dong-idr-vpn-route-constrain-00
  - Jie Dong

- draft-ietf-grow-bgp-graceful-shutdown-requirements-01.txt
  - Bruno Decraene

- draft-decraene-idr-rfc4360-clarification-00
  - Pierre Francois

- draft-vvds-add-paths-analysis-00.txt
  - Pierre Francois

- draft-ietf-idr-advisory-00
  - Tom Scholl

- draft-ietf-idr-bgp-bestpath-selection-criteria-00
  - Rajiv Asati