

Configuration Index

Version 1.0

Susan Hares

7/20/93

Section 1: Overview

The MERIT implementation of IDRIP in gated is based on the IS version of the IDRIP ISO protocol. "gated" is a public domain software which runs on many unix platforms. The platform which the IDRIP work has been deployed on unix based platform.

The MERIT implementation may be ported to other environments. One of the design constraints was to ease portability. For further details on portability, please refer to the IDRIP Design specification. IDRIP requires two types of kernel support from it's platform: routing table interaction and a special "IDRP socket" support.

Section 2: Schedules of Document Release

Below is a table of releases - past, present and future. Past releases are shaded.

Document	Version	Date
Gated Design Document		
- Initial release	1.0	12/29/92
- Release for 1st training course	2.2	4/20/93
- Release for 2nd training course	2.3	6/30/93
- Update for end of Contract 1	2.4	7/20/93
- Update for Delivery 1	2.5	9/15/93
- Update for Policy	3.0	9/30/93
- Update for Aggregation	4.0	11/15/93
- Update for simple QOS	5.0	12/30/93
- Update for RDC	6.0	2/20/94
- Update for multiple QOS	7.0	7/20/94

IDRP Configuration Index 1.0 7/21/93

Document	Version	Date
Gated Syntax Document		
- Initial General Release	1.2	9/20/92
- Release for Training Course 1	2.0	4/20/92
- Release for Training Course 2	2.1	6/30/93
- Release for Delivery 1	2.2	9/30/93
- Release for Delivery 2	2.3	10/30/93
- Release for Aggregation	3.0	11/15/93
- Release for QOS	4.0	1/20/93
- Release for RDC	5.0	2/20/93
- Release for Security QOS	6.0	7/20/94
Software Configuration Management Plan	1.1	7/20/93
Software Quality Assurance Plan	1.0	7/20/93
Configuration Index		
- Contract End Delivery	1.0	7/20/93
- Delivery 1 - BASIC IDRP	1.1	9/15/93
- Delivery 2: BASIC plus Configuration policy	2.0	9/30/93
- Delivery 3: ES-IS plus additions to BASIC	3.0	11/20/93
- Delivery 4: Aggregation	4.0	12/30/93
- Delivery 5: QOS	5.0	5/20/94
- Delivery 6: RDC	6.0	7/20/94
- Delivery 7: Multiple QOS	7.0	11/20/94

IDRP Configuration Index 1.0 7/21/93

Document	Version	Date
Accomplishment Summary		
- Contract End Delivery	1.0	7/20/93
- Delivery 1 - BASIC IDRP	1.1	9/15/93
- Delivery 2: BASIC plus Configuration policy	2.0	9/30/93
- Delivery 3: ES-IS plus additions to BASIC	3.0	11/20/93
- Delivery 4: Aggregation	4.0	12/30/93
- Delivery 5: QOS	5.0	5/20/94
- Delivery 6: RDC	6.0	7/20/94
- Delivery 7: Multiple QOS	7.0	11/20/94
Software Configuration Management Form	1.1	7/20/93
Software Quality Assurance Form	1.1	7/20/93
Bug Report Form	1.1	7/20/93
Test Report From	1.1	7/20/93

Section 3: Deliverables

Code Deliverables

Delivery Version Number	Date	Functions
0.8	7/1	Rough BASIC not all simple configuration NO CLNP support
0.9	7/20	rough BASIC simple configuration files (plus NEXT HOP, SNPA, ROUTE SERVER, EXT_INFO, MULTI_EXIT support but needs testing) MIB support partial CLNP support No DIST_LIST_INCL creation no DIST_LIST_EXCL creation
1.0	9/15	Better BASIC All Functions Exist: CLNP support, DIST_LIST_INCL DIST_LIST_EXCL No minimal Minimum Advertisement Timer stress test
1.2	9/30	BASIC heavily tested Policy support for PREF
1.3	10/15	Basic plus PREF and initial DIST support

IDRP Configuration Index 1.0 7/21/93

Delivery Version Number	Date	Functions
2.0	10/30	Delivery 2 Functions Basic IDRP Test Network Tested Plus Policy for DIST and PREF support
3.0	11/30	Delivery 3 Addition of ES-IS to the basic. More network testing on Basic functions
4.0	12/31	Delivery 4 Basic IDRP plus Aggregation and Aggregation policy

For Deliverables on Documents, please refer to the schedule of Document release in Section 2.

Section 4: Documents - Current Version

The following Documents are under source control:

Document	Version	Date
Gated Design Document	2.4	7/19/93
Gated Syntax Document	2.0	6/30/93
Software Configuration Management Plan	1.0	7/20/93
Software Quality Assurance Plan	1.0	7/20/93
Configuration Index	1.0	7/20/93
Accomplishment Summary	1.0	7/20/93
Software Configuration Management Form	1.1	7/20/93
Software Quality Assurance Form	1.1	7/20/93
Bug Report Form	1.1	7/20/93
Test Report From	1.1	7/20/93

Section 5: Associated Documents:

Associated Document	Version	Date
IDRP protocol "Information Processing Systems - Telecommunications and Information Exchange between Systems - Protocol for Exchange of Inter-Domain Routeing Information among Intermediate Systems to support Forwarding of ISO 8473 PDUs"	IS ballot	4/16/93
IDRP protocol (see above title)	DIS ballot	8/3/92

IDRP Configuration Index 1.0 7/21/93

Associated Document	Version	Date
IDRP - IS-IS Interactions "Interactions and Routeing Information Exchange between ISO 10589 (ISIS) and ISO 10747 (IDRP)	ISO/IEC JTC 1/SC 6 N 7535	1992-07-21
IDRP for IP Author: Susan Hares	IETF Internet Draft - version 4	March 1993