

ietf-syslog Model Status

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Status Since Dallas - Overview

In-depth review of draft-ietf-netmod-syslog-model-03 by Martin Bjorklund, Jan Lindblad, and Jason Sterne

Result:

1. Model clarity through shorter leaf names and improved descriptions.
2. Model simplification through better placement of containers – group log actions under a new container log-actions, eliminate extraneous containers, add containers where needed for future augmentation.
3. Follow the guideline in draft-schoenw-netmod-yang-pattern-00 for destination address.
4. Easier to augment through placement of new containers.
5. Bug fixes.

Status Since Dallas - Details

The latest models and tree can be fetched from the GitHub repository at:

<https://github.com/YangModels/yang/tree/master/experimental/ietf/SYSLOG-MODEL>

ietf-syslog-types.yang

ietf-syslog.yang

ietf-syslog.tree

You can review the diffs between the 03 and 04 versions at:

<https://github.com/YangModels/yang/commit/3ef312e65a0881f3e4b3eada97f3ae80613141d1>



Status Since Dallas - Details

1. Corrected the working group chair in both files.
2. Removed global-logging-action. This can be added back through augmentation for those vendors that need it.
3. Make buffered-logging-action a list.
4. Added RFC 5424 to the severity description.
5. Remove remote-logging-structured-data feature.
6. Remove remote-logging-structured-data leaf from remote-logging-action.
7. Remove vrf-name from remote-logging-action. This can be added back through augmentation once the VRF story is complete.
8. Restructure destination in remote-logging-action to follow the recommendation in Section 3 of draft-schoenw-netmod-yang-pattern-00.
9. Remove "default 1" from file-logging-action file-number.
10. Remove "default 262144" from file-logging-action file-size.
11. Remove file-permission leaf from file-logging-action. This can be added back through augmentation.
12. Add new container log-actions under syslog and remove all references to "-logging-action".
13. Added a reference to container syslog-sign.
14. Fixed the top level reference to conform to RFC editor standards.

Status Since Dallas – Details (continued)

Details (continued):

15. Remove "logging-advanced-level-processing" and "logging-match-processing" and moved their leaves up one level.
16. Rename "selector-advanced-level-processing-config" to "selector-severity-operator-config" and adjust the syslog-selector description.
17. Modify syslog-severity to include the "all" case and to indicate that no value implies no severity.
18. Change: logging-files to log-file; logging-buffers to log-buffer; buffered to buffer; file-name to name; file-logging-structured-data to structured-data; file-logging-archive to file-archive; file-number to number-of-files; file-size to max-file-size.
19. Remove feature global-logging-archive and feature remote-logging-use-vrf; rename file-logging-structured-data to structured-data-config; rename file-logging-archive-config to file-archive-config.
20. Add the log-selector container to grouping syslog-selector to enable augmentation of the selector.
21. Renamed logging-facilities to facilities in "case logging-facility"; added "all-facilities" to "case logging-facility-all"; renamed none in logging-facility-none to "no-facilities".
22. Improved file archive now supports time and size based limits.
23. Improved memory buffer size now supports limits on memory and number of messages

Status Since Dallas – Conclusion

Draft draft-ietf-netmod-syslog-model-04 incorporating these changes was published 2015-07-06.

Further review and last call?

Thanks!

