

# Lisp Flow Mapping: Beryllium: Release Notes

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## Major Features

The major features of Beryllium release:

- NSH Support: Support for NSH and SPI-based mappings in LISP Mapping System and LISP SB.
- Decoupling of SB and NB mappings: Support for parallel data stores for SB registrations and NB mappings.
- Merge support on SB registrations: Support merging mapping registrations from SB for the same virtual address.
- Integrating NB policy and SB mappings: Support for combining SB registrations and NB mappings.
- GUI support: Initial GUI support for adding new mappings and visibility into the mapping system via DLUX.
- Support for multi-tenancy/segmentation with Source-Dest policies.
- API changes to adapt to IETF LISP YANG models

## Target Environment

### For Execution

N/A

### For Development

N/A

## Known Issues and Limitations

- Testing methodology
  - All modules have been unit tested. Integration tests have been performed for all major features. System tests have been performed on most major features.
    - Merging of locators and NB-SB integration of mappings are new features that have received the least amount of testing.
  - Registering and retrieval of basic mappings have been tested more thoroughly. More complicated mapping policies have gone through less testing.

## Changes Since Previous Releases

### Migration from Previous Releases

Aside from adjusting to the removal of EoL-ed API there are no additional steps needed for migration to this release.

### Compatibility with Previous Releases

- Southbound plugin is compatible with previous releases.
- Northbound APIs have been upgraded according to the recently published IETF YANG models. The new API is not compatible with the previous releases.

### Deprecated, End of Lifed, and/or Retired Features/APIs

- The NB API in Lithium is now EoL-ed.