Overview
This release note covers the requirements, important notes, new features, addressed issues and known limitations for the ION 19-slot Chassis (ION219-A and ION219-D)

Requirements:
Chassis backplane firmware version 2.1.2 and these release notes apply to the following products:
- ION219-A  ION 19-slot Chassis (s/n 16100000 or higher) with an AC power supply
- ION219-D  ION 19-slot Chassis (s/n 16100000 or higher) with a DC power supply

New Features and Enhancements:
The following is a list of new features and enhancements in version 2.1.2 of the ION219-x.
- Fixed an issue with firmware version 2.1.0 to remove a hard-coded serial number, allowing unique and specific serial numbers to be programmed on these devices

Known limitations:
- Contact Transition Networks' Technical Support at techsupport@transition.com for a copy of firmware version 2.1.2, please provide your chassis serial number
- Firmware version 2.1.2 can only be programmed on hardware with a serial number of 16100000 or higher
- If you have an ION219-x chassis with a serial number smaller that 16100000, then the latest chassis firmware you can use is version 1.2.1
- Failure to follow these chassis upgrade guidelines can result in an un-manageable chassis, that must be returned to Transition Networks for factory default programming
  - Note: If a chassis is updated with the wrong firmware and becomes un-manageable, it will continue to provide power to the individual media converter modules installed in the chassis and those modules will continue to function and pass data

Related Documentation:
- ION219-x User Guide (33412)
- IONMM User Guide (33420 and 33457)