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Release Notes

These release notes are for IBM XIV Gen3 Storage System Version 11.3.1.b.

Release date
30 April 2014

What's new in IBM XIV software version 11.3.1.b

IBM XIV software version 11.3.1.b for IBM XIV Storage System Gen3 is a hot fix release, delivering bug fixes as later described in this document.

Availability of code load

Version 11.3.1.b is only available for Gen3 hardware.

This version supports hot upgrade from:

- 11.3.1
- 11.3.0.a
- 11.2.0.b
- 11.1.1

Refer to Nondisruptive code load on the Information Center. This topic details the steps required from the customer in order to prepare for the code load.


Availability of Host Attachment Kits (HAK)

IBM XIV Host Attachment Kit

The latest IBM XIV Host Attachment Kit (HAK) version can be downloaded from the IBM Fix Central website: [http://www.ibm.com/support/fixcentral](http://www.ibm.com/support/fixcentral).

IBM Storage Host Software Solutions Information Center

For detailed usage information, refer to the IBM Storage Host Software Solutions Information Center: [http://publib.boulder.ibm.com/infocenter/strhosts/ic](http://publib.boulder.ibm.com/infocenter/strhosts/ic)

Miscellaneous

- The total number of hosts available for use is 994.
- Systems with up to 3 failed drives can be upgraded.
- The `vol_mapping_list` command is allowed for all users with read-only permission.
- Systems featuring 4 TB disk drive modules have a maximum pool size capacity of 325 TB.
- The total number of mirroring-related volumes on a single system includes IBM Hyper-Scale Mobility (non-Proxy), and cannot exceed 1,536.
Fixed issues

SYS-265403


After upgrading from a version exposed to Heartbleed, additional steps are required:

1. The digital SSL Certificates provided by IBM need to be replaced, and will be replaced by IBM as part of the upgrade procedure.
2. If you installed your own digital certificates, revoke those and replace them with new certificates. Be sure not to generate the new certificates using the old private key and create a new private key (using `openssl genrsa`). Use the new private key to create the new certificate signing request (CSR).
3. The `admin` password needs to be changed, as well as any additional users defined internally (if you're using LDAP authentication, then only the `admin` password needs to be changed). Make sure to do this after upgrading and replacing the digital certificates.

Severity:
Hyper

Affected version(s):
11.3.0, 11.3.0.a, 11.3.1, 11.4.1, 11.4.1.a

Known issues

SYS-263438

After 4377 Hyper-Scale Mobility migrations, the maximum number of volumes in a system (12,000) will decrease by 1 volume with each new migration.

Severity:
Moderate

Affected version:
11.3.0 and up

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Definitions of problem severity

The following definitions denote issues severity:

High impact
- **Acute / Serious**
  - **Acute** - An irrecoverable error with potential loss of data.
  - **Serious** - An irrecoverable error with potential loss of access to data.
- **HYPER** - An high impact problem that is pervasive: 3 or more occurrences.

Moderate
- A function not operational and/or performance might be degraded.

Service
- A recoverable error (no impact) and service improvement.

Improvements
- Changes made for the purpose of better usability and serviceability.

Contacting IBM Support

The release is supported via:

**Voice calls**
- Will come into Level 1 or Front Line Support as they do for the current product.

Customers will use the appropriate support phone number for their respective countries; refer to the World Wide Directory for the support numbers by country. [http://www.ibm.com/planetwide](http://www.ibm.com/planetwide)

Documentation format

The publications for this product are in Adobe Portable Document Format (PDF) and should be compliant with accessibility standards.

If you experience difficulties when you use the PDF files and want to request a web-based format or accessible PDF document for a publications, send a request by email to [starpubs@us.ibm.com](mailto:starpubs@us.ibm.com). In the request, be sure to include the IBM publication number and title.

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