



Support to List Non-Fatal Snaps and Fatal Crashes in StarOS

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Feature Summary and Revision History

Summary Data

Applicable Product(s) or Functional Area	StarOS
Applicable Platform(s)	<ul style="list-style-type: none">• ASR 5500• VPC-DI• VPC-SI
Feature Default	Enabled - Configuration Required
Related Changes in This Release	Not Applicable
Related Documentation	<i>Statistics and Counters Reference</i>

Revision History

Revision Details	Release
First introduced.	21.21

Feature Description

In StarOS, crashes are classified into two types: Fatal and non-fatal. The following existing crash CLI commands are used to retrieve both Fatal crashes and Non-fatal snaps:

- **show crash all**
- **show crash number <no>**
- **crash copy number <no> url <location>**
- **clear crash list**
- **clear crash number <no>**

In the StarOS 21.20 and later releases, the 'crash' CLI commands lists only fatal crashes and the following new CLIs lists only non-fatal snaps. Also, support to show that snap records from standby cards are added:

- **show snap list**
- **show snap all**
- **show snap number <no>**
- **snap copy number <no> url <location>**
- **clear snap list**
- **clear snap number <no>**

Monitoring and Troubleshooting

Show Commands and Outputs

This section provides information regarding show commands and their outputs in support of the feature.

show crash commands

The following commands shows list of fatal crashes.

- **show crash list** : Shows list of fatal crash records.
To clear all fatal crash records, use **clear crash list**.
- **show crash all** : Shows all fatal crash records.
- **show crash number**: Shows a particular fatal crash record.
To view a particular Fatal crash record that is copied to a location , use the **snap copy number no. url location**.
To clear all fatal crash records, use **clear crash number no**.

show snap commands

The following list of show snap commands shows non-fatal snap records:

- **show snap list**:Shows list of non-fatal snaps.
To clear all non- fatal snap records, use **clear snap list**.

- **show snap number**: Shows a particular Non-Fatal snap record.

To view a particular Non-Fatal snap record that is copied to a location , use the **snap copy number no. url location**.

To clear all non-fatal snap records, use **clear snap number no**.

- **show snap all**: Shows all non-fatal snap records.
- **show snap list standby**: Shows list of Non-Fatal snaps from standby card.
- **show snap all standby**: Shows all non-fatal snap records from a standby card.
- **show snap number # standby**: Shows a particular non-fatal snap record from a standby card.

show snap commands