



Service Release Notes for ExtremeGuest 5.9.3.1-001R

November 9th, 2018

Please Note: Service releases are made available to fix specific customer reported issues in a timely manner. Service releases are not as extensively tested as main releases. The next maintenance or manufacturing release will incorporate all qualifying and preceding service releases.

This document is an addendum to the release notes for the main release 5.9.3.0-015R.

Resolved issues 1

Platforms Supported and System Requirements 1

ExtremeGuest Upgrade 2

Global Support: 4

RESOLVED ISSUES

Following issues have been fixed in ExtremeGuest 5.9.3.1 release:

SPR/CR	Description
SPR-3543	EGuest - Spanning tree enabled by default, Allow CLI options to enable/disable.

PLATFORMS SUPPORTED AND SYSTEM REQUIREMENTS

ExtremeGuest release 5.9.3.1 is a VM firmware image for ExtremeGuest application.

Virtual Platform	Firmware Image
ExtremeGuest	ExtremeGuest-5.9.3.1-001R.img ExtremeGuest-INSTALL-5.9.3.1-001R.iso

Following are the system resource requirements for ExtremeGuest 5.9.3.1:

Capacity (Clients DB Entries)	vCPU	Memory (DDR3-L or DDR4)	Storage/Configuration	IOPS
10K	8 Core @ 2.5GHz	32GB	100GB RAID 1+0	1000 Sustained Writes
100K	16 Core @ 2.5GHz	64GB	250GB RAID 1+0	2000 Sustained Writes

250K	16 Core @ 2.5GHz	64GB	500GB RAID 1+0	2500 Sustained Writes
500K	24 Core @ 2.5GHz	128GB	500GB RAID 1+0	3000 Sustained Writes
1 Million	24 Core @ 2.5GHz	128GB	1TB RAID 1+0	4000 Sustained Writes
2 Million	24 Core @ 2.5GHz	128GB	1TB RAID 1+0	5000 Sustained Writes
5 Million	24 Core @ 2.5GHz	256GB	2TB RAID 1+0	6000 Sustained Writes
10 Million	32 Core @ 2.5GHz	512GB	4TB RAID 1+0	8000 Sustained Writes

EXTREMEGUEST UPGRADE

ExtremeGuest Release 5.9.3.0

1. Upgrading ExtremeGuest 5.9.2.x to ExtremeGuest 5.9.3
 - a. Install ExtremeGuest-5.9.3.0-015R.img using the upgrade command. DO NOT reboot the devices.
 - b. Follow (3.b) for the coordinated reboot of replica-set members.

ExtremeGuest Release 5.9.2.0

1. Upgrade of integrated WiNG Captive Portal solution to ExtremeGuest solution is not supported.
2. Migrating a VX9000 to ExtremeGuest 5.9.2 as standalone VM:
 - a. Install Migration patch 'UpgradeVX9000ToEGuest.patch' on all VX9000 based ExtremeGuest running pre- 5.9.2 firmware.
 - b. Install ExtremeGuest-5.9.2.0-032R.img using the upgrade command. DO NOT reboot the devices.
 - c. Follow (3.b) for the coordinated reboot of replica-set members.
3. Upgrading from WiNG 5.9.0 and upwards - ExtremeGuest
 - a. Upgrade all ExtremeGuest devices to new firmware using the upgrade command. DO NOT reboot the devices.
 - b. Reboot the Arbiter and wait for the device to come up and join the replica-set.
 - c. Disable ExtremeGuest server on both Primary and Secondary replica-set member:

Primary #self

Enter configuration commands, one per line. End with CNTL/Z.

Primary (config-device-00-0C-29-35-AE-F6)#no eguest-server

Primary (config-device-00-0C-29-35-AE-F6)#comm wr

Primary (config-device-00-0C-29-35-AE-F6)#end

Secondary #self

Enter configuration commands, one per line. End with CNTL/Z.

```
Secondary (config-device-00-0C-29-35-AE-F7)#no eguest-server
```

```
Secondary (config-device-00-0C-29-35-AE-F7)#comm wr
```

```
Secondary (config-device-00-0C-29-35-AE-F7)#end
```

4. Reboot the primary replica-set member and wait for the device to come up and join the replica-set. Make sure that the replica-set is up. Use the below-mentioned command to verify:

```
Primary#sh database status
```

```
-----
MEMBER                STATE                ONLINE TIME
-----
192.168.210.200*     PRIMARY              0 hours 2 min 17 sec
192.168.210.201     SECONDARY            15 hours 15 min 53 sec
192.168.210.203     ARBITER              15 hours 47 min 16 sec
-----
```

[*] indicates this device.

5. Now reboot the secondary replica-set member and wait for the device to come up and join the replica-set. Make sure that the replica-set is up using the above-mentioned command.
6. Now enable ExtremeGuest Server on primary and then on secondary replica-set member:

```
Primary #self
```

Enter configuration commands, one per line. End with CNTL/Z.

```
Primary (config-device-00-0C-29-35-AE-F6)#eguest-server
```

```
Primary (config-device-00-0C-29-35-AE-F6)#comm wr
```

```
Primary (config-device-00-0C-29-35-AE-F6)#end
```

```
Secondary #self
```

Enter configuration commands, one per line. End with CNTL/Z.

```
Secondary (config-device-00-0C-29-35-AE-F7)#eguest-server
```

```
Secondary (config-device-00-0C-29-35-AE-F7)#comm wr
```

```
Secondary (config-device-00-0C-29-35-AE-F7)#end
```

7. Make sure that the ExtremeGuest services are running on Primary and Secondary servers:

```
Primary#sh eguest status
Database server is local
Database server is reachable
-----
pid          process
-----
1939         gmd
1960         acct_server
2073         acct_server
2074         acct_server
2079         acct_server
2084         acct_server
2136         acct_server-helper
2856         regserver
2879         guest_manager
2920         guest_manager
2921         guest_manager
2926         guest_manager
2931         guest_manager
3256         radiusd

31971        gmd

Primary#
```

GLOBAL SUPPORT:

By Phone: +1 800-998-2408 (toll-free in U.S. and Canada)

For the toll-free support number in your country:

www.extremenetworks.com/support/

By Email: support@extremenetworks.com

By Web: www.extremenetworks.com/support/

By Mail: Extreme Networks, Inc.
6480 Via Del Oro
San Jose, CA 95119

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Extreme Networks Support website.

© Extreme Networks. 2018. All rights reserved.