MontaVista Linux Carrier Grade Edition 6.0
Frequently Asked Questions

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Why is MontaVista Linux Carrier Grade Edition the leading CGE product in the market?

- Most widely deployed carrier grade Linux in the world
- Deployed by 7 of the top 8 Network Equipment Providers
- Live in major carrier networks worldwide
- Demonstrated greater than 99.9999% availability over several years of deployments
- Deliver features only available from MontaVista like containers, Bare Metal Engine, and flight recorder

What are the key new features in MontaVista Linux Carrier Grade Edition 6.0?

New features included in this release are:

- Linux Containers which provide an isolated application space without the need for a complete virtualization solution.
- Bare Metal Engine that provides a light-weight, configurable run-time environment that delivers RTOS performance inside a Linux environment.
- First cross-platform support for the KVM hypervisor
- EMVisor support for Cavium Networks Octeon customers
- OpenSAF 4.0 high-availability middleware, an open source, SAForum standards based solution

What are the benefits of using MontaVista Linux Carrier Grade Edition over other solutions?

Key benefits include:

- Saves Time – Delivers full support for next generation multi-core network architectures. Allows you to reduce time spent on OS development and focus on delivering value-add applications
- Lower Cost – Easily integrates with COTS hardware, no need for proprietary hardware, thus reducing overall total cost through features like virtual routing and forwarding
- Maintain Standards – Compliant with all major carrier grade specifications, allowing you to remain confident in infrastructure availability, performance, and reliability.
- Performance & Reliability - Virtualization features such as containers and Bare Metal Engine deliver the performance of proprietary solutions. OpenSAF 4.0 integration ensures the high availability required for network applications.

What specifications is CGE certified for?

- CGE remains the only carrier grade Linux to be certified with the Carrier Grade Linux 5.0, IPv6, and Linux Standard Base 4.0 specifications.
- CGE provides full integration of the OpenSAF high availability middleware consistent with Service Availability™ Forum specifications.
- SCOPE Alliance Linux Profile 1.1
- Proven six nines (99.9999%) reliability (less than 31.5 sec/year downtime)
- SCTP – compliant to RFC4960, an IETF protocol
- Maintains GPL requirements

Has CGE 6.0 moved to the new MontaVista Linux 6 product architecture?

No. CGE 6.0 maintains the same architecture as previous CGE versions. It is not delivered as a source-based MSD like MVL6.

Which kernel version is CGE 6.0 using?

CGE is built on the 2.6.32 kernel.

How is MontaVista Linux Carrier Grade Edition 6.0 licensed and priced?

There are no changes in licensing or pricing from CGE 5.x. Talk to your local MontaVista sales team for current pricing.

Can I use DevRocket with CGE? What about the MontaVista Integration Platform?

You may use DevRocket with CGE. The use of the MontaVista Integration Platform is not supported with CGE.

Where can I get an overview of MontaVista Linux Carrier Grade Edition?
Visit our website: Product Detail CGE