



Pushing Performance

People | Power | Partnership

HARTING MICA Base 6 Release Notes



1. Edition 2019

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1 General Notes

To upgrade to MICA Base 6, MICA Base 2 or later has to be installed. If your MICA has an earlier version of the MICA Base, you first need to upgrade it to version 2, and then to version 6.

Please perform a browser refresh after upgrading the firmware.

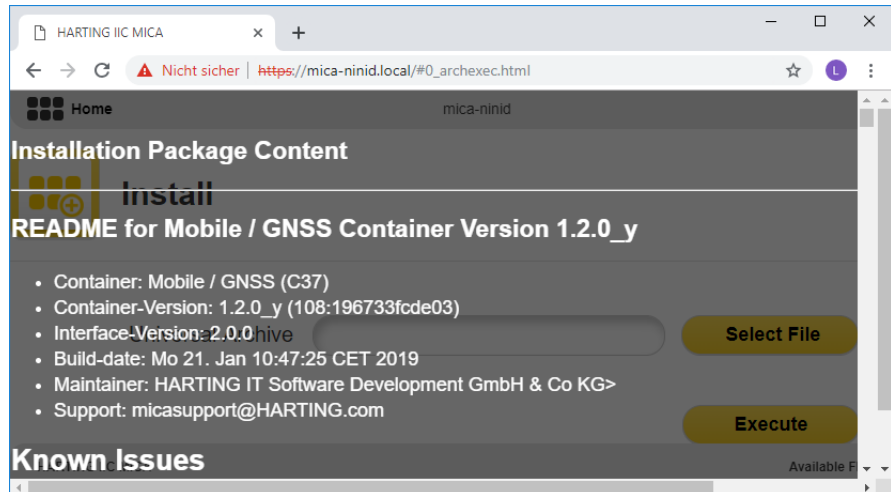
JSON RPC calls over HTTPS will be disabled from October 2019, so developers *must* migrate their containers to the new RPC format before 9/30/2019.

Warning: Firmware upgrades are NOT REVERSIBLE.

2 New Features

2.1 Enhancements to container installation and upgrades using universal tar files

- During installation, MICA now displays the top level readme.md file stored in the universal tar archive if this file exists.



- When upgrading a container using a universal tar archive, MICA now displays a drop down list of installed containers which lets the user select the container to be upgraded.

2.2 Boot fallback has been removed

Earlier versions of MICA switched to a backup of the installed firmware if booting the firmware failed more than a prescribed number of times. Due to customer issues in MICA installations with frequent power failures, this feature has been removed.

2.3 The double scroll bar on some MICA UI pages has been removed

Earlier versions of MICA displayed two scroll bars on very tall UI screens. The second scroll bar has been removed.

3 Bug fixes

MICA Base firmware 6 includes a number of bug fixes and stability enhancements, including:

- Multiple containers can no longer be started with the same IPv4 address.
 - A bug that caused some containers to become unavailable via SSH after a power cycle has been fixed.
 - An issue that prevented MICAs from synchronising with NTP servers in some cases has been fixed.
 - A number of name resolution problems have been fixed.
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4 Known limitations

- Due to a LLMR caching issue in Windows 7, the MICA might not be available by name in Internet Explorer and Chrome after a failed connection attempt for up to 5 minutes—or whatever *NegativeCacheTime* is set to in the Windows registry—until Windows performs a DNS cache refresh.
 - In Chrome, the MICA is reachable via *micaname.local*:
 - In IE and Chrome, the MICA is reachable via its IP address.
 - Clearing the DNS cache with *ipconfig /flushdns* resolves this problem.
 - Container gateway functionality is not yet supported for IPv6.
 - While advanced roaming is active, it is recommended not to launch scans for additional access points.
 - Installation of containers with very large overlay file systems occasionally fails, but works if the installation is repeated.
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