



Pushing Performance

People | Power | Partnership

HARTING MICA Base 7 Release Notes



2. Edition 2020

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1 General Notes

To upgrade to MICA Base 7, 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 7.

Please perform a browser refresh after upgrading the firmware.

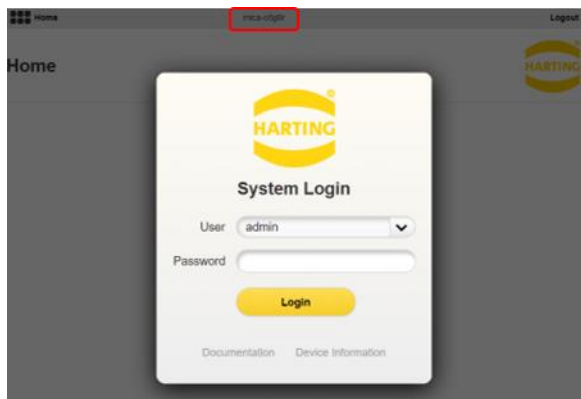
JSON RPC calls over HTTPS will be disabled from December 31, 2019, so developers *must* migrate their containers to the new RPC format before 12/31/2019.

Warning: Firmware upgrades are NOT REVERSIBLE.

2 New Features and Enhancements

2.1 Device Name is Shown During Log In

A number of users with a large number of MICA devices requested that the device name should be during log in. The name is now visible in the top bar when the login dialog is being displayed.



2.2 HTTP Compression

The build in MICA webserver now sends compressed HTTP to reduce network traffic and improve responsiveness.

2.3 Firmware Size

New tool chains and various other optimisations have reduced the firmware size by about 15%.

3 Bug fixes

MICA Base firmware 7 includes a number of bug fixes and stability enhancements, including:

- A bug that caused the wrong version information to be displayed after container updates has been fixed.
- A timeout that caused the installation of large containers to fail occasionally has been removed.
- The use of “update_overlay” now preserves the container icon in the Web UI.
- Multiple network issues when using a mix of IPv4 and IPv6 name servers have been fixed.
- A number of name resolution problems have been fixed.
- Base firmware 7, hotfix 1 addresses an issue with name resolution in the Base System that prevented connecting to NTP server in some cases.

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.