



# **Release Notes**

## **V1.92**

**Micrium**

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## Revision History

Version	Date	Description
V1.92	2010 Apr	Improvements
V1.91	2009 Aug	Bug fixes
V1.90	2008 Jun	Bug fixes & improvements
V1.89	2007 Oct	Changes
V1.88	2007 Mar	Improvements

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## Required Modules

### Version 1.92

µC/TCP-IP version 2.05  
µC/CPU version 1.22  
µC/LIB version 1.30

### Version 1.91

µC/TCP-IP version 2.05  
µC/CPU version 1.22  
µC/LIB version 1.30

### Version 1.90

µC/TCP-IP version 1.92  
µC/CPU version 1.18  
µC/LIB version 1.24

### Version 1.89

µC/TCP-IP version 1.91  
µC/CPU version 1.16  
µC/LIB version 1.23

### Version 1.88

µC/TCP-IP version 1.89  
µC/CPU version 1.16  
µC/LIB version 1.23

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## New Features

### Version 1.92

N/A

### Version 1.91

N/A

### Version 1.90

N/A

### Version 1.89

N/A

### Version 1.88

N/A

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# Improvements

## Version 1.92

### V1.92-001

Cast ASCII character strings & pointers to strings as `const`, whenever possible.

### V1.92-002

µC/TCP-IP configuration (`net_cfg.h`) validated for required µC/DNSc build/operation.

## Version 1.91

N/A

## Version 1.90

### V2.06-001

Improved/refactored code in general.

## Version 1.89

N/A

## Version 1.88

N/A

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# Changes

## Version 1.92

N/A

## Version 1.91

N/A

## Version 1.90

N/A

## Version 1.89

### V1.89-001

Changed NET\_SOCKET\_ADDR\_IP's 'Family' member to 'AddrFamily' following µC/TCP-IP's changes.

## Version 1.88

### V1.88-001

Changed µC/TCP-IP socket timeout configuration functions calls following API modifications.

### V1.88-002

Changed dns-c\_cfg.h timeout configurations from previously configuring timeouts in units of seconds to configuring in units of milliseconds:

```
DNSc_CFG_MAX_RX_TIMEOUT_MS
DNSc_CFG_MAX_TX_TIMEOUT_MS
```

### V1.88-003

Changed dns-c\_cfg.h port configuration name:

```
DNSc_CFG_IPPORT
```

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## Corrections

### Version 1.92

N/A

### Version 1.91

#### V1.91-001

DNSc\_GetHostByName() still incorrectly handled request transmission retries. Fixed by modifying the retransmission algorithm. See also 'Corrections V1.90-002'.

### Version 1.90

#### V1.90-001

DNS functions could be called without proper server. Fixed by making sure server IP address is set before transmitting request.

#### V1.90-002

DNSc\_GetHostByName() incorrectly handled request transmission retries. Fixed by modifying the retransmission algorithm. See also 'Corrections V1.90-001'.

### Version 1.89

N/A

### Version 1.88

N/A

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## Known Problems

### Version 1.92

N/A

### Version 1.91

N/A

### Version 1.90

#### **V1.90-001**

DNSc\_GetHostByName() incorrectly handles fatal errors on transmit and receive, which may result in the wrong error being assigned to the last error variable (DNS\_STATUS\_GIVING\_UP instead of the receive or transmit failure errors).

### Version 1.89

N/A

### Version 1.88

N/A



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## Limitations

N/A

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## Contacts

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