

# Release Notes

## 7.1.16

October 9<sup>th</sup>, 2017

Men & Mice announces the release of Version 7.1.16 of the Men & Mice Suite.

This is a maintenance release containing a couple of fixes and improvements

### Improvements

- Support for CAA record type has been added on BIND nameservers

### Bug fixes

- When an external command is configured for ranges and fails during range creation, a blank range will no longer be left over

## 7.1.15

August 23<sup>rd</sup>, 2017

Men & Mice announces the release of Version 7.1.15 of the Men & Mice Suite.

This is a maintenance release containing a single bug fix.

### Bug fixes

- Leases in the BAD ADDRESS state are now handled correctly

## 7.1.14

June 29<sup>th</sup>, 2017

Men & Mice announces the release of Version 7.1.14 of the Men & Mice Suite.

This is a maintenance release containing a bug fix in a 3rd party software on the Men & Mice appliances.

### Appliance

- BIND on the appliances has been patched to address the issues in the following vulnerabilities
  - CVE-2017-3142:

An attacker able to send and receive messages to an authoritative DNS server may be able to circumvent TSIG authentication of AXFR requests via a carefully constructed request packet.

- CVE-2017-3143:

An attacker who is able to send and receive messages to an authoritative DNS server and who has knowledge of a valid TSIG key name for the zone and service being targeted may be able to manipulate BIND into accepting a dynamic update.

## 7.1.13

April 12<sup>th</sup>, 2017

Men & Mice announces the release of Version 7.1.13 of the Men & Mice Suite.

This is a maintenance release containing a bug fix in a 3rd party software on the Men & Mice appliances.

## Appliance

- BIND on the appliances has been patched to address the issues in the following vulnerabilities
  - CVE-2017-3137: A response packet can cause a resolver to terminate when processing an answer containing a CNAME or DNAME.
  - CVE-2017-3136: An error handling synthesized records could cause an assertion failure when using DNS64 with "break-dnssec yes;"
  - CVE-2017-3138: named exits with a REQUIRE assertion failure if it receives a null command string on its control channel

## 7.1.12

January 12th, 2016

Men & Mice Announces the release of version 7.1.12 of the Men & Mice Suite.

This is a maintenance release containing a bug fix in a 3rd party software on the Men & Mice appliances.

## Appliance

- BIND on the appliances has been patched to address the issues in the following vulnerabilities
  - CVE-2016-9131: A malformed response to an ANY query can cause an assertion failure during recursion. See <https://kb.isc.org/article/AA-01439> for more details.
  - CVE-2016-9147: An error handling a query response containing inconsistent DNSSEC information could cause an assertion failure. See <https://kb.isc.org/article/AA-01440> for more details.
  - CVE-2016-9444: An unusually-formed DS record response could cause an assertion failure. See <https://kb.isc.org/article/AA-01441> for more details.
  - CVE-2016-9778: An error handling certain queries using the nxdomain-redirect feature could cause a REQUIRE assertion failure in db.c. See <https://kb.isc.org/article/AA-01442> for more details.

## 7.1.11

November 1st, 2016

Men & Mice Announces the release of version 7.1.11 of the Men & Mice Suite.

This is a maintenance release containing a bug fix in a 3rd party software on the Men & Mice appliances.

## Appliance

- BIND on the appliances has been patched to address the issue in CVE-2016-8864. For details, see <https://kb.isc.org/article/AA-01434>.

## 7.1.10

October 6th, 2016

Men & Mice Announces the release of version 7.1.10 of the Men & Mice Suite.

This is a maintenance release containing a fix for the updater agent for Men & Mice Central.

## Fixes

- An issue in the updater agent for Men & Mice Central has been fixed. This issue caused an older version of the updater to be installed.

## 7.1.9

## September 28th, 2016

Men & Mice Announces the release of version 7.1.9 of the Men & Mice Suite.

This is a maintenance release containing a bug fix in a 3rd party software on the Men & Mice appliances.

### Appliance

- BIND on the appliances has been patched to address the issue in CVE-2016-2776. For more information see <https://kb.isc.org/article/AA-01419>.

## 7.1.8

### August 17th, 2016

Men & Mice Announces the release of version 7.1.8 of the Men & Mice Suite.

### Bug fixes

- An issue was fixed where creating swap space could take more space than it should have
- An issue was fixed where errors related to the health checks, wrongfully appeared in the event log
- The performance was improved for gathering lease history
- An issue was fixed where the state of a virtual appliance was wrongly reported as Unknown instead of OK. This did not affect the basic usage of the appliance, but prevented configuration of the appliance.

## 7.1.7

### July 12th, 2016

Men & Mice Announces the release of version 7.1.7 of the Men & Mice Suite.

### Bug fixes

- An issue was fixed where a deadlock could occur when external scripts are calling Central back through SOAP calls
- Optimizations were done for DNS synchronization when deleting records with custom properties
- IgnoreZones property was changed so it now only applies to master zones
- An issue was fixed where Central would sometimes fail to connect to a DNS server controller
- An issue was fixed where cached DNS master zone records in Central were unnecessarily cleared
- The performance was improved for the GetDNSRecords and SetDNSRecordAging SOAP commands
- An issue was fixed in the AD synchronization that was causing the system to incorrectly add or remove subnets
- Central now keeps connections to remotes open for a longer time in order to improve performance
- An issue was fixed where newly created DNS records were removed from the suite during a synchronisation

## 7.1.6

### May 10th, 2016

Men & Mice Announces the release of version 7.1.6 of the Men & Mice Suite.

### Bug fixes

- A bug was fixed which made it impossible to edit exclusions on Cisco servers
- Inconsistencies were fixed in checks if Active Directory integrated zones are loaded before reading zone data

### Improvements

- Improve performance of adding/modifying/removing DNS records in large DNS Zones
- Fix a user interface glitch in the Management Console during horizontal scrolling
- A system setting was added to allow disabling recalculation of subnet utilization when a range is opened in the Management Console

## 7.1.5

April 6th, 2016

Men & Mice Announces the release of version 7.1.5 of the Men & Mice Suite.

### Bug fixes

- It was not possible to disable or enable disabled DNS records when the zone had an associated slave instance
- The health check for slave zone expiry was incorrect for low SOA refresh values
- It was not possible to select individual custom fields in "Determine Address use" in System Settings
- M&M Central made excessive and unnecessary heavy updates to the database during DNS Synchronization
- It could take extremely long time to retrieve records from large IPv6 reverse zones. IPv6 reverse zones are now only retrieved with zone transfers, and aging value is not retrieved from these zones.
- It was not possible to open server options in presence of a master root zone on a MS DNS server, and it was not possible to open the master root zone
- The signed status of non-Master zones on MS DNS Servers was being checked unnecessarily, causing excessive load in certain situations
- The DNS Synchronization could be erroneously stopped under extreme circumstances

### Improvements

- Users can now change their password through the Web Interface

## 7.1.4

March 10th, 2016

Men & Mice Announces the release of version 7.1.4 of the Men & Mice Suite.

This is a maintenance release containing a couple of bug fixes and a bug fix in a 3rd party software on the Men & Mice appliances.

### Appliance

- BIND on the appliances has been patched to address the issues in CVE-2016-1285 and CVE-2016-1286.

### Bug fixes

- Check for missing glue records no longer fails if NS record refers to a record in a domain whose name ends with the zone name, but is not a subdomain of it
- A bug was fixed where the Management console would crash when editing server options for a FreeBSD BIND server that can't determine its interfaces

## 7.1.3

March 3rd, 2016

Men & Mice Announces the release of version 7.1.3 of the Men & Mice Suite. This is a maintenance release containing a few bug fixes as well a bug fix in a 3rd party software on the Men & Mice appliances.

- The glibc library on the Men & Mice appliances was updated to fix the CVE-2015-7547 vulnerability
- It is now possible to disable unreachable DHCP servers
- Issues were fixed that could cause the health bar to crash MMMC under unusual circumstances
- It is no longer possible to create saved filters for AD Sites
- A bug was fixed where an AD forest could not be changed to/from read-only
- It is now possible to create forward zones on caching DNS servers

## 7.1.2

February 3rd, 2016

Men & Mice Announces the release of version 7.1.2 of the Men & Mice Suite. This is a maintenance release containing a few bug fixes

- The Web Interface now works for customers or users without access to DHCP
- Fixed an issue where the column sizes within ranges in the Management Console would be too small for some users after upgrading to 7.1
- Fixed an issue with installation on a fresh RHEL/CentOS Linux server, running BIND in a chroot
- Fixed an issue with all installers, were some download security checks would fail due to expired installer certificate

## 7.1.1

January 20th, 2016

Men & Mice Announces the release of version 7.1.1 of the Men & Mice Suite. This release contains several updates and fixes.

### Appliance

- ISC BIND has been upgraded to 9.9.8-P3 on the DNS/DHCP appliance, that addresses critical security flaws in the BIND software. Click [here](#) for details.
- ISC DHCP has been upgraded to 4.3.3-P1 on the DNS/DHCP appliance, that addresses critical security flaws in the DHCP software. Click [here](#) for details.

## 7.1.0

January 14th, 2016

Men & Mice announces the release of Version 7.1 of the Men & Mice Suite.

#### Please note:

- This is a **long term support (LTS) release**. For more information on Men & Mice release strategies, please access the white paper [here](#).
- From Version 7.1, Men & Mice Suite customers will be required to use new license keys for upgrades.

### New features

#### Azure Support

Men & Mice now supports Azure DNS as a general DNS server in the Cloud. Support for Azure DNS further expands the range of Men & Mice Suite support for DNS Servers that are running in the cloud.

#### Support for Microsoft SQL Server 2014

Microsoft SQL Server 2014 is now supported as a database backend for Men & Mice Central.

#### A new wizard for creating scopes in DHCP

DHCP scopes can now be created with a dedicated scope creation wizard. The Scope Creation Wizard simplifies the handling of, for example, failover scopes.

#### New installer for Linux

The Linux installers for the Men & Mice Remote Controllers have been improved and a number of issues addressed, as well as a number of new features added. Some of the new features are, for example, a silent mode which enables the user to automate the installation of the Men & Mice Remote Controllers.

## Improvements

- The Update Manager has been adapted to accommodate long term support (LTS) releases. Users can now select if they only want to see LTS release notifications in the Update Manager.
- Health bar improvements
  - Viewing errors and error descriptions has been improved. All health messages are now shown in one hierarchal view.
  - Messages in the health window are now refreshed whenever health data changes.
  - Database size warnings are now shown in the health bar.
  - Time stamps for indicators are now shown in the health bar.
  - Server status checks have been improved.
  - It is now possible to copy health messages to the clipboard.
  - Ignored health messages are now hidden in the error list window.
  - When an update agent is not running on the Central server, a system health notification will be displayed in the Health bar.
- SNMP/Router support improvements
  - When an SNMP scan is initiated from the GUI, the scan button is disabled while the scan is running.
  - Routers are now scanned in parallel when doing an SNMP scan.
- Improvements on the First Use Wizard
  - DHCP servers are located by using authorized servers in the Active Directory (AD).
  - DNS is used to locate domain controllers.
  - Improved usability: a user can now paste in all license keys at once instead of having to paste them in one at a time.
- One or multiple servers can now be disabled from within the Men & Mice Suite.
- Appliance software upgraded
  - Upgraded BIND on appliances to 9.9.8-P2
  - Upgraded Unbound on appliances to 1.5.4.
  - Upgraded ISC DHCP on appliances to 4.3.3.
- Performance has been improved for DHCP lease history gathering.
- The Management Console now shows the Men & Mice Suite version in the title bar.
- An error is no longer indicated if a user deletes an A/AAAA record whose PTR record is in a zone that that user doesn't have access to.
- Scope monitoring is now more intelligent when dealing with disabled scope instances in superscopes.
- Option ID validation when defining new DHCP options has been improved.
- Men & Mice Central now prints a warning in the log file if threads are taking too much time.
- A potential crash in a zone window when loading large zones has been fixed.
- The DNS view name is now shown, when applicable, in the Web's IP properties and Host Edit dialog.
- The "Define DHCP Options" dialog is now resizable.
- Default BIND config on appliances no longer reveals the host name when asked for hostname.bind.
- Increased user-friendliness of the Update Status dialog.
- It is now possible to use a comma-separated list of email addresses in the SetSubnetMonitoring SOAP command.
- A list of zone instances has been added to the right-click menu in the zone list.
- The "authority" column for the non-master zones to show the server hosting the zone, and not the master server, has been changed.
- UI improvements: A new font has been introduced in the Management Console.
- A check has been added to make sure that NS records in static zones have corresponding A/AAAA records.
- Crash dumps are now enabled by default in Central and all remotes.
- When AD zones are created, slave instances aren't created by default.
- The lease duration default value is now set to "Unlimited" when opening properties for a scope with option 51 set to 0 on Microsoft DHCP servers.
- Aging values are now shown in the IPAM view.
- It is now possible to copy messages from error dialogs by simply right-clicking the text.
- The Management Console is more intelligent when determining the initial size of columns in lists and trees.
- The "Show multiply defined PTR records" maintenance task now ignores scavengable records.
- Changes have been made to how the Update Agent updates itself on Windows.
- A warning is displayed in the health bar when DHCP pools in split scopes do not have the same start and end IP address.
- Double clicking Key and Zone signing keys now opens the edit dialog.
- Microsoft scopes with no name are now synced with CIDR as the name on the initial sync.
- Potentially sensitive system settings are no longer sent to the web user interface.

## Bug fixes

- An issue was fixed where the DHCP synchronization thread would remove newly created objects from the Suite.
- An issue was fixed where the global scope monitor could not be used for static parts of scopes.
- An error in the health bar is now shown when a router is inaccessible.
- Lists in the Management Console now scroll correctly when a user navigates with the keyboard.
- A bug was fixed where a DHCP scope could be placed in a Cloud network.
- An issue was fixed where it was not possible to add DNS or DHCP remotes to the Suite on an alternative port number.
- A bug that made it impossible to migrate DHCP Scopes from backups was fixed.
- It is now possible to create NAPTR records in dynamic zones.
- The editing of DHCP options on Cisco routers was fixed.

## End-of-life announcements

- OS X is not supported for Version 7.1. See [Discontinuation of OS X development](#).
- Future end-of-life (EOL) announcements for all older releases will be made according to the Men & Mice EOL policy. See the [Men & Mice Release Strategy White Paper](#) for more information.