

MEN & MICE SUITE xDNS

Breaking new ground in the battle against DNS failures and vulnerabilities, Men & Mice Suite's xDNS feature provides a level of abstraction that builds automation, provides centralized views, eliminates human error and removes conflicting DNS service provider platform complexities, such as incompatible vendor APIs, all while increasing network security.

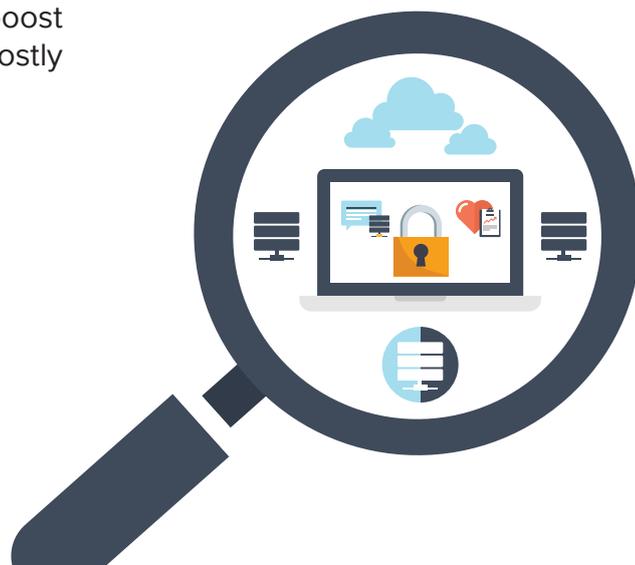
The Men & Mice Suite is a robust overlay solution for IP address and DNS Management, known for fast and efficient performance in heterogeneous DNS and DHCP environments. The Men & Mice Suite supports thousands of concurrent users and API connections, with millions of managed IPs and DNS records, for automation and provisioning, whether Unix/Linux, Windows, or Cisco IOS, across cloud services such as Akamai Fast DNS, Amazon Route 53, Azure DNS, Dyn and NS1, or IPAM in AWS, Azure and OpenStack.

Men & Mice Suite's xDNS feature streamlines the migration and management of large numbers of DNS zones utilizing **cloud-native** features to monitor changes to DNS made outside of the Men & Mice Suite, greatly improving synchronization of DNS data from cloud providers. It also enables the assignment of read-only zones across the network to boost resilience against DDoS attacks and other costly DNS failures.

Men & Mice xDNS provides the abstraction tools necessary to:

- Unify and centralize management of DNS from across entirety of a complex, multi-platform network.
- Bulk migrate or distribute DNS zones freely between on-prem and cloud DNS vendors.
- Replicate and synchronize DNS zones whether on-prem, cloud or multi-cloud.
- Automate and customize with powerful Men & Mice REST, SOAP and JSON-RPC APIs.
- Mitigate configuration errors, DDoS and other costly DNS failures through fine-grained access controls and xDNS Redundancy™ across multiple DNS host platforms.

xDNS is an especially important feature in the Men & Mice Suite for enterprise organizations who wish to bulk migrate zones between on-prem and cloud environments, change authorization access or switch cloud vendors. Additionally, the ease with which redundancies can be created to mitigate DDoS attacks and other DNS failures through xDNS Redundancy™ is unparalleled.



HOW MEN & MICE SUITE xDNS REDUNDANCY™ WORKS

Create a zone redundancy group by selecting critical zones from DNS servers and services such as BIND, Windows DNS, Azure DNS, Amazon Route 53, NS1, Dyn and Akamai Fast DNS.

Through Men & Mice Suite's unified management, visibility and control of hybrid or multiple cloud-enabled network spaces increases.

The Men & Mice Suite supports Microsoft Active Directory-hosted zones, offering the ability to create read-only zones and improving native support for Azure DNS and Amazon Route 53, all of which benefits the functionality and core health of IP infrastructure.

Once an xDNS zone redundancy group has been created, Men & Mice Suite's xDNS Redundancy™ assists the administrator in creating identically replicated zone content, resulting in multiple identical master zones.

Additional zones can be added or removed from the xDNS group as required.

All changes initiated by the authorized user through Men & Mice Suite, from the Windows-based management console, Web-based management application or APIs, will be applied to all zone instances in the group.

While internal changes through Men & Mice Suite are synced, external modifications to read-only xDNS instances will not be replicated to other zones.

In the event:

- DNS record conflicts arise, the Men & Mice Suite will alert the user and provide an option on how to resolve conflicts before the group is re-synced.
- An xDNS zone is not available for updating (for instance if one DNS service provider experiences an outage) it will be marked as out-of-sync.

Once the zone becomes available again, it will be automatically re-synchronized and will receive all updates that were made while the DNS service was unavailable.

MEN & MICE SUITE xDNS FOR RESILIENT DNS

The Men & Mice Suite is already known to be a robust DNS, DHCP and IPAM (DDI) solution that's easy to implement and able to leverage existing infrastructure investments to provide the visibility and ease-of-use for hybrid and multi-cloud environments that's missing from competitive products.

With the xDNS feature, Men & Mice Suite is "taking the 'daunt' out of DNS redundancy." Whether you're using a single-platform deployment or a combination of cloud DNS providers, Men & Mice Suite's xDNS gives you a convenient means to monitor and manage all your DNS resources through the Men & Mice Suite.

Simplifying the management of high-availability network resources across multiple environments is crucial for making network management intuitive, effective and secure.

Men & Mice xDNS Redundancy™ enables the centralized replication and synchronization of multiple DNS zones, across multiple DNS service provider platforms, thus ensuring extra high network availability and healthy system redundancy.

xDNS

xDNS Redundancy™

