

THE MEN & MICE SUITE FOR VIRTUALIZATION

Men & Mice Suite for virtualized networks

Men & Mice is focused on increasing the network availability necessary to keep a digitized and mobile planet operating smoothly. Our software-defined DNS, DHCP and IPAM solutions significantly improve the unified network visibility forfeited in the process of virtualization and cloud migration catering to the fast and dynamic change procedures that are the hallmarks of virtualized environments.

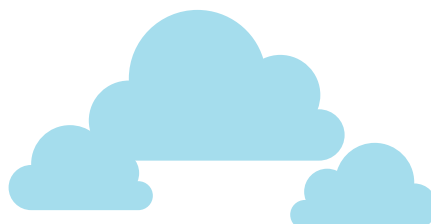
Enterprise network connectivity and stability are dependent on the split-second interplay between IP Address Management (IPAM) and the speed and functionality of DNS and DHCP. These three critical components, also called DDI, are often managed by separate teams in separate locations and on separate services. This strategic disconnect, combined with the lack of a unified overview of the DDI network topology, particularly in hybrid and multi-cloud networks, and limited access control over critical components, can severely affect a network's uptime, stability and security. Further compounding network viability is the steady increase in malicious, network-focused attacks.



How Men & Mice helps you virtualize your network

The Men & Mice Suite, addresses current network challenges for hybrid and multi-cloud networks and increases network adaptability for future needs. It transforms the overview and control of complex enterprise IP network infrastructure by pulling valuable ARP, Subnet and other network data with synchronized and consolidated management of on-prem and cloud components under one, single-pane-of-glass view, complete with fine-grain access control, configuration and migration capabilities.

- Advanced IPAM integration with existing DNS and DHCP servers. No requirements to procure additional hardware or branded appliances.
- Fast, non-disruptive deployment.
- Unified visibility across entirety of DNS, DHCP and IPAM including ARP, Subnet and other network data from critical components.
- Unparalleled Active Directory integration.
- Automated network synchronization utilizing on-prem and cloud-native features.
- Third party integration with VMWare vRealize Orchestrator and Automation plug-in.
- Reliable, agnostic REST, SOAP and JSON-RPC APIs for automation and customization.
- Virtual DNS/DHCP appliances and Virtual DNS Caching appliances.
- Migration of zones and scopes between environments and vendors, individually or in bulk.
- Transparency through integrated audit trails, tracking and logging tools ensure the systematic keeping of records.



THE MEN & MICE VIRTUALIZATION

The Men & Mice Suite supports Unix/Linux, Windows and Cisco IOS, stretches into the cloud with functionality across Akamai Fast DNS, Amazon Route 53, Azure DNS, Dyn and NS1, as well as IPAM in AWS, Azure and OpenStack. The Men & Mice Suite supports thousands of concurrent users and API connections, with millions of managed IPs and DNS records, for automation and provisioning.

Men & Mice Suite vRealize Orchestrator & Automation plug-in

1. Request a virtual machine through Men & Mice Suite.
2. Men & Mice Suite's custom properties allow further customization of the VM's visibility and status.
3. VM information retained in the Men & Mice Suite enables VM tracking, synchronization and updates, including the release of IP addresses after a virtual server is taken down.
4. The Men & Mice Suite talks to DNS servers and registers DNS entries and other changes, such as updates to DNS policies, thereby consolidating DNS data required by the vRealize Orchestrator.

Men & Mice DNS/DHCP Virtual Appliances and DNS Caching virtual appliance

DNS/DHCP

- BIND DNS and ISC DHCP
- Support for Microsoft DNS/DHCP, UNIX/Linux DNS/DHCP, as well as DHCP services deployed on Cisco Systems routers
- Easy deployment and use with Men & Mice appliance products and other DNS/DHCP services in hybrid network environments
- Details on DNS queries received and DNS replies sent can be logged for further processing utilizing DNSTAP feature with minimal performance impact.
- Function as NTP (Network Time Protocol) servers and can be served by the same network infrastructure as DNS and DHCP.

DNS Caching

- Uses Unbound DNS Caching resolver, designed for IPv6 and dual-stack environments
- Fully supports DNSSEC validation
- Granular role-based access control
- Management, monitoring and reporting features, such as DNSTAP, for overview and control

