



# **Men & Mice Suite SOAP Interface Information**

## Introduction

This document contains information on the SOAP interface for the Men & Mice Suite.

The SOAP interface was introduced in version 6.2 of the Men & Mice Suite. A list of new commands and changes to existing commands and object types can be found in the section **New and Changed Commands and Definitions**.

**Important:** Version 6.4 of the Men & Mice Suite contains changes to both commands and object types. If you are using the SOAP interface for version 6.3, we strongly recommend that you view the Appendix for information on these changes.

## Authorization

To run the SOAP commands, you must have the required access rights. You must be granted access to the Men & Mice Web interface to be able to use any of the SOAP commands.

## On-line SOAP Documentation

Starting with version 6.3.1, the SOAP command reference can be viewed on-line directly from Men & Mice Central. The SOAP documentation URL is:

[http://service\\_hostname/menandmice/soapdoc.htm](http://service_hostname/menandmice/soapdoc.htm)

- **service\_hostname** is the fully qualified domain name of the web server that is running the Men and Mice Web Interface (and the SOAP service).

This assumes the default port 80 for the Web Interface and that Men and Mice Central is running on the same machine as the *service\_hostname*. If that is not the case, replace “localhost” with the address of M&M Central in the forwarded URL.

## Code Examples

The Men & Mice knowledgebase contains a demonstration of the usage of many of the SOAP commands using PowerShell, Python and Perl. It also includes custom-built wrappers/classes to greatly ease the interaction of those scripting languages with the M&M SOAP API. To view these examples, look at <http://otrs.menandmice.com/otrs/public.pl> using the keyword “SOAP”.

## New and Changed Commands and Definitions

Below, you will find a list of new and changed commands and definitions between versions 6.2.2 and 6.4. A description of the new items can be found in on-line SOAP documentation.

### New Data Types

The following data types are new in version 6.3.

- DNSServerType

The following data types are new in version 6.3.1

- AddressSpace
- ADSiteLink
- MergeAddressSpacesReportConflictType
- MergeAddressSpacesReportEntry
- PropertyDefinition

The following data types are new in version 6.3.2

- ADForest
- DHCPReservationMethod
- DHCPScopeReconcileEntry
- DHCPScopeReconcileFlag
- DHCPServerState
- DNSServerState
- IPAddressDiscoveryType
- multiplyDefinedRecord

The following data types are new in version 6.3.5

- DHCPFailoverMode
- DHCPFailoverRelationship
- DHCPFailoverServerType
- DHCPOptionClass
- DHCPPolicy
- DHCPPolicyComparisonType
- DHCPPolicyCondition
- DHCPPolicyConditionType
- DHCPPolicyLogicalOperator
- DHCPPolicyRange
- DHCPRefAndFailoverRelationshipName
- SigningKeyDescriptor
- SigningKeyDescriptorState

The following data types are new in version 6.4

- AddressUtilizationHistory
- AddressUtilizationHistorySeries
- AddressUtilizationRecent
- AddressUtilizationRecentSeries
- CachedDNSEntry
- ChangeRequestState
- DNSCache
- DNSGenerateDirective
- DNSRecordChange
- DNSRecordChangeRequest
- DNSRecordChangeType
- DNSServerSubtype
- MultiLabelHostReportEntry
- ServiceStatus

### New Commands

The following commands are new in version 6.3.

- GetAddressSpace
- GetAddressSpaces
- GetADSite
- GetDHCPBackupStatus
- GetFolderForObject
- GetRangeByIPAddress
- GetRoutersForRange
- Ping
- PlaceInADSite
- RemoveFromADSite
- ReportIPFromClientIdentifier
- SendMail
- SetRoutersForRange

The following commands are new in version 6.3.1

- AddAddressSpace
- AddADSite
- AddADSiteLink
- AddDHCPOptionDefinition
- AddPropertyDefinition
- GetADSiteLink
- GetADSiteLinks
- GetCurrentAddressSpace
- GetDNSPTRRecords

- GetDNSReverseZone
- GetNextFreeReservationAddress
- ModifyDHCPOptionDefinition
- ModifyPropertyDefinition
- MoveIPAMRecord
- MoveToAddressSpace
- RemoveDHCPOptionDefinition
- RemovePropertyDefinition
- ReportMergeAddressSpaces
- SetCurrentAddressSpace

The following commands are new in version 6.3.2

- AddADForest
- GetADForest
- GetADForests
- ReconcileDHCPscope

The following commands are new in version 6.3.5

- AddDHCPFailoverRelationship
- AddDHCPPolicy
- AddDHCPScopesToDHCPFailoverRelationship
- GetDHCPFailoverRelationship
- GetDHCPFailoverRelationships
- GetDHCPPolicies
- GetDHCPPolicyEnforcement
- GetDHCPVendorAndUserClasses
- GetKeyStorageProviders
- ModifyDHCPFailoverRelationship
- ModifyDHCPPolicy
- RemoveDHCPFailoverRelationships
- RemoveDHCPPolicy
- RemoveDHCPScopesFromDHCPFailoverRelationship
- ReplicateDHCPFailover
- SetDHCPPolicyEnforcement

The following commands are new in version 6.4

- AddDHCPGroup
- AddDNSGenerateDirective
- AddDNSRecordChangeRequest
- ApproveDNSRecordChanges
- FlushFromCacheOnDNSServers
- ForceSynchronization
- GetDNSGenerateDirective

- GetDNSGenerateDirectives
- GetDNSRecordChangeRequest
- GetDNSRecordChangeRequests
- GetDNSRecordsInCaches
- GetInheritAccess
- GetServiceStatus
- MigrateDNSZone
- PromoteDNSSlaveZone
- RejectDNSRecordChanges
- ReportMultilabelHosts
- RunCommand
- SetServiceStatus

### Changes to Data Types

The following data types have changed in version 6.3 through 6.4

#### DNSRecordType

- The **DHCID** record type has been added (6.3)
- The **CERT** record type has been added (6.3.2)

#### ObjectType

- The **ChangeRequest** and **Appliance** object types have been added (6.4)

### Changes to Object Definitions

The object definitions have changed in version 6.3 through 6.4

#### Address

- The element **host** is now nillable (6.3.2)

#### ADForest

- The element **readOnly** has been added (6.4)

#### Device

- The element **deviceType** has been removed (6.3)
- The element **interfaces** has been added (6.4)

#### DHCPLease

- **type** is no longer a required element (6.3)

#### DHCPOptionDefinition

- The element **array** has been added (6.3)

## DHCPReservation

- **name** is now nillable (6.3)

## DHCPscope

- The element **enabled** has been added (6.3)

## DHCPserver

- **proxy** is no longer nillable (6.3)
- **security** is now nillable (6.3.2)

## DNSRecord

- The element **aging** has been added (6.3)

## DNSServer

- The elements **proxy**, **type** and **adForest** have been added (6.3)
- The element **DNSServerSubtype** has been added (6.4)

## DNSZone

- The elements **dnssecSigned**, **kskIDs** and **zskIDs** have been added (6.3.5)

## Event

- **username** is now nillable (6.3.1)

## HostDiscoveryReportEntry

- The elements **lastKnownClientIdentifier** and **discoveryType** have been added (6.3.5)

## Interface

- **deviceRef** is no longer required(6.4)

## IPAMRecord

- The elements **filename**, **serverName** and **nextServer** have been added (6.3)
- The elements **clientIdentifier** and **deviceType** have been removed (6.3)
- The elements **device** and **interface** have been added (6.4)

## ObjectAccess

- The element **identityAccess** is no longer required and is nillable(6.3.2)

## Range

- The element **childRanges** has been added (6.3)
- The elements **hasMonitor**, **inheritAccess**, **isContainer** and **hasRogueAddresses** have been added (6.4)

#### RangeWithStatistics

- The element **utilization** is now of type int (6.4)

#### User

- The element **email** has been added (6.4)

### Changes to Existing Commands

The following commands have changed in version 6.3 through version 6.4

#### AddDNSRecord

- The element **forceOverrideOfNamingConflictCheck** has been added (6.3)

#### AddDNSRecords

- The element **forceOverrideOfNamingConflictCheck** has been added (6.3)

#### GetIPAMRecords

- The element **rangeRef** is no longer required (6.4)
- The element **addrRefs** has been added (6.4)

#### GetNextFreeAddress

- The element **temporaryClaimTime** has been added (6.4)

#### GetRangeStatistics

- The elements **used** and **free** are no longer required (6.4)
- The elements **numInSubranges** and **percentInSubranges** have been added (6.4)

#### JoinRanges

- The element **inheritAccess** has been added. (6.4)

#### RemoveObject

- The element **forceRemoval** has been added. (6.4)

#### RemoveObjects

- The element **forceRemoval** has been added. (6.4)



### ReportDHCPScopeOptions

- The element **filter** has been added. (6.3)

### SetDHCPOptions

- The element **ticket** is now both optional and nillable (6.3)

### SetIPAMRecord

- The element **forceOverrideOfNamingConflictCheck** has been added (6.3)