MindLink

MindLink – Version 19.4

Release Notes

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MindLink Product Suite 19.4

1.1   Introduction

The latest version of the MindLink offers new features, bug fixes and improvements on the previous, giving you an enriched UC experience with Microsoft Lync, Skype for Business, Skype for Business Online and notably the Persistent Chat feature.

1.2   Client-side Requirements

1.2.1   MindLink Anywhere – MLA

MindLink Anywhere (v3) supports the following browsers:

- IE10, IE11, Edge, FireFox, Chrome, Safari on Mac, Safari on iOS Tablets (for iOS 10.3 and above)

MindLink Anywhere (v3) supports the following chat systems:

- Lync 2013, Skype for Business 2015, Skype for Business Online

1.2.2   MindLink API

MindLink API supports the following chat systems:

- Lync 2013, Skype for Business 2015

1.2.3   MindLink Mobile - MLM

MindLink Mobile supports the following operating systems:

iOS Devices

- iOS 11 and above on iPhone, iPad and iPod touch devices

Android Devices

- Android OS version 6.0 and above

MindLink Mobile supports the following chat systems:

- Lync 2013, Skype for Business 2015, Skype for Business Online

1.3 Server-side requirements

1.3.1   MindLink Anywhere – MLA

The minimum system requirements are:

- Microsoft Windows Server 2008 SP2, 2008 R2, or 2012 SP2, 2012 R2, 2016 (all 64-bit)
- Microsoft .Net Framework 3.5
- Microsoft .NET Framework 4.8
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- C++ redistributable installation binary (2013 version and 2017 version - for Skype for Business 2019 only)
- Microsoft Office 365 Tenancy (Skype for Business Online only)
- Compatibility with Microsoft UCMA 2.0 and GroupChat SDK
- Open the following (default) ports: 4097 and 9007

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (minimum 2.4 GHz)
- Gigabit Ethernet connection
- 4GB RAM
- 1Gb disk space (80Mb for installation of binaries and up to 1Gb for Preferences to support over 1000 users)

Additional space for log files (minimum 100 MB)

Certificate requirements:

- Token Issuing Certificate (Web Authentication): minimum, a 2048-bit key strength
- Security
- Platform

1.3.2   MindLink API

The minimum system requirements are:

- Microsoft .Net Framework 3.5
- Microsoft .Net Framework 4.8
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- C++ redistributable installation binary (2013 version and 2017 version - for Skype for Business 2019 only)
- Microsoft Windows Server 2008 SP2, 2008 R2, or 2012, 2016 (all 64-bit)
- 500MB Disk Space for Data and Log files
- Open the following (default) ports: 4096 and 9006

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (Minimum 2.4GHz)

- 4GB RAM
- Gigabit Ethernet connection

80MB Disk Space for installation of binaries

1.3.3 MindLink Mobile – MLM

The minimum system requirements for MindLink Mobile are:

- Microsoft Windows Server 2008 R2, or 2012, 2012 R2, 2016 (all 64-bit)
- Microsoft .Net Framework 3.5
- Microsoft .NET Framework 4.8
- C++ redistributable installation binary (2012 version - for Lync 2013 only)
- C++ redistributable installation binary (2013 version - for Skype for Business 2015 only)
- C++ redistributable installation binary (2013 version and 2017 version - for Skype for Business 2019 only)
- Microsoft Office 365 Tenancy (Skype for Business Online only)
- Microsoft SQL Server 2008 R2 or above (required for high availability deployments)
- Open the following (default) ports: 4099 and 9009
- TLS 1.2 Security Protocol must be enabled on the server o To run clients on iOS 9+ devices against the server securely

The minimum hardware requirements are:

- Dual or Quad core, 64-bit CPU (Minimum 2.4GHz)
- 4GB RAM
- Gigabit Ethernet connection
- 60MB Disk Space for installation of binaries
- Additional Disk Space may be required for storing log files, minimum of 100MB
- Optional SSL Certificate installed for secure communication

Certificate requirements:

- Socket Server
- Host Identification Web Service
- Session Web Services
- Platform
- APNS: Provided by MindLink
- Must meet ATS requirements for iOS device connections
    o All certificates, except the Platform certificate, require a minimum 2048-bit key strength.

1.4 New Features

Iteration 19.4 includes the following new features:

Support for .NET 4.8

The server stack has been upgraded with this release to use .NET 4.8, this is a breaking change to the prerequisites.

Keyboard Shortcuts in MindLink Anywhere

For improved accessibility MindLink Anywhere now features added basic keyboard shortcuts to manage the cursor focus - to focus the message input box and the history and dock search bars. These shortcuts are shown to users on initial login on the home screen, the home screen can also be viewed by clicking the MindLink Logo.

Support for Multiple Persistent Chat Pools

We have changed our backend PChat server integration to support more than one persistent chat pool in the same session.

Since Lync 2013, organisations can deploy more than one PChat Server pool within their topology. This is typically done for compliance reasons, or to optimize geolocation performance.

Version 19.4 features first-class support for topologies with multiple pChat pools. When a user logs in, they will be able to join and participate in chat rooms across all pools in the topology.

QueryString parameter to bypass SSO logon page

On first log on, users are shown a logon page where the user can select their presence state, enabled modalities, etc. This is shown even when using "SSO" - this is the only chance the user has to configure these sorts of things. However, it does mean that initial sign-on is not a true "SSO" experience. 19.4 features a new option allowing this to be bypassed with the default settings - the administrator will set this attribute in the URL.

1.5 Improvements
The following improvements have been made in this version of the MindLink Product Suite.

ID	Details	Product
FCF-7846	Make the logo button accessible	MindLink Anywhere
FCF-7790	Give dock item labels context	MindLink Anywhere
FCF-7818	Add query string option to bypass SSO log on page and log on with default options	MindLink Anywhere
FCF-7784	inline images should have alt text	MindLink Anywhere

1.6 Dropped Features
With this release (version 19.4) of the MindLink product suite no features have been dropped.

1.7 Breaking changes
With this release (version 19.4) of the MindLink product suite the .NET version on the MindLink server needs to be upgraded to .NET 4.8 for the correct functioning of any MindLink products.

1.8 Known issues, limitations, restrictions

Below is a table of known issues, limitations and restrictions affecting the current version (19.4) of the MindLink product suite.

ID	Details	Product
FCF-7821	Sticky day break header doesn't update when jumping to distant messages by dragging scroll thumb	MindLink Anywhere
FCF-7811	Skin tone picker is not centered on IE10 and IE11	MindLink Anywhere
FCF-7822	GIF Only plays while scrolling - iOS	MindLink Mobile
FCF-7814	We don't show a day break header for the first day in history	MindLink Mobile
FCF-7610	Conflicting dlls between SfB 2015 and SfB 2019 cause incorrect dll to load for SfB 2019	Host, UCMA Connector
FCF-7714	Safari (iOS) Home page is cut off and not scrollable	MindLink Anywhere
FCF-5584	Accessing quick reply when the hashtags list is open does not open the keyboard.	MindLink Mobile
FCF-5842	Autocorrect highlight remains.	MindLink Mobile
FCF-2708	Unistalling via the UI does not respect the "Remove orphaned files" checkbox when prompted for elevated priivledges	Installer
FCF-5916	[Firefox] Default drag and drop on message input interferes with custom plugin	MindLink Anywhere
FCF-6235	Credentials invalid should not be a retryable state	MindLink Anywhere
FCF-6161	Dragging and dropping text has non-standard behavior	MindLink Anywhere
FCF-6978	The cursor resets at the beginning after entering a url link	MindLink Anywhere
FCF-7309	Leaving a group that is already leaving locks up debug session	User Services
FCF-6199	IE10 After sending a pasted message the text remain at the message input	MindLink Anywhere
FCF-7263	SfBO sending HTML messages to native client inserts twice as many line-breaks as it should	SfBO Connector
FCF-7689	Folders not persisting on SfBO	SfBO Connector
FCF-7724	MLA has a high memory fooprint	MindLink Anywhere
FCF-7758	Safari (Mac) sometimes shows pixel line in active conversation	MindLink Anywhere

FCF-7544	Quickly manually marking as read in a conversation moves the read marker around twice	MindLink Anywhere
FCF-7479	Private file transfers sometimes fail	UCMA Connector
FCF-7141	Personal Hotspot pushes down app navigation buttons	MindLink Mobile
FCF-5690	Livestream 'Message failed! will not show unless message viewed.	MindLink Mobile
FCF-6908	Swipe to reveal does not monitor composability properly	MindLink Mobile
FCF-6719	All UCWA sessions get disconnected simultaneously	SfBO Connector
FCF-6752	Concurrent connections result in session termination	SfBO Connector
FCF-5708	Arabic text wraps differently in the input compared to conversation view	MindLink Anywhere
FCF-4876	Livestream does not always sync with favorites	User Services
FCF-5033	User's sip address is shown as the display name when the user has reached max followers	UCMA Connector
FCF-3326	Messages with newlines are not matched correctly	UCMA Connector

1.9   Bug Fixes

The following bugs were fixed in this version (19.4) of the MindLink product suite.

ID	Details	Product
FCF-7813	Typing message and closing keyboard before sending shows placeholder text under message content	MindLink Mobile
FCF-7857	Sending messages containing group links mentioning groups in a pool different from the first pool fails	Web server
FCF-7835	File download proxy advice on MLM Management Tool page is wrong	MindLink Mobile
FCF-7844	Livestream content is not layed out correctly in IE	MindLink Anywhere
FCF-7832	Cannot delete Addin re-write rules / Custom Settings	Management tool
FCF-7825	Member display names do not resolve in large rooms	UCMA Connector, User Services
FCF-7816	Cannot set profile picture when against Exchange Online	UCMA Connector
FCF-7824	Emoji regex misses out some common emojis	FCF JS, UCMA Connector
FCF-7733	the file transfer cache isnt cleaned up when you log out	MindLink Anywhere

1.10   Reference Documents

For more information/documentation regarding the MindLink Product Suite, please visit:

https://docs.mindlinksoft.com