Cisco Unity Connection is a feature-rich voice messaging platform based on the same Linux operating system as Cisco Unified Communications Manager. Connection users can access voice messages by using email, web clients, mobile devices, instant messaging, and desktop clients such as Cisco Unified Personal Communicator; and can view, search, sort, and play messages on a Cisco Unified IP Phone display. Connection also provides comprehensive automated-attendant functions, including intelligent call routing and easily customizable call screen and message notification options. For more information see Cisco Unity Connection documentation on Cisco.com.

Cisco Unity Connection includes several Representational State Transfer (REST) application programming interfaces (APIs) that provide provisioning, messaging, and telephony access to Connection. These APIs provide the ability to integrate Connection features into existing enterprise-wide provisioning management systems and messaging clients. The APIs are REST interfaces that standardize operations such as add, delete, view, and modify.

Note: All the REST APIs support both the IPv4 and IPv6 addresses. However, the IPv6 address works only when Connection platform is configured in Dual (IPv4/IPv6) mode.

For more information see the chapter ?Adding or Changing the IPv6 Addresses of Cisco Unity Connection 8.5 and Later Servers? at the following link http://www.cisco.com/en/US/docs/voice_ip_comm/connection/8x/upgrade/guide/9xcucrug051.html.

Note: For all the REST APIs, the special characters in the query parameter of a requested URL should be encoded as per the Unicode Standard. For example, to search a user with alias "Bob&Smith" the Query which is currently "query=(alias%20is%Bob\%26Smith)" should be modified to "query=(alias%20is%20Bob%5C%26Smith)". Here a special character "\" is encoded to "%5C".

Available Connection REST APIs

CUPI: Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API

The Cisco Unity Connection Provisioning Interface (CUPI) API provides access to the most commonly provisioned data on Cisco Unity Connection systems?users, contacts, distribution lists, and call handlers.

CUPI for End Users: Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_For_End_Users

The Cisco Unity Connection Provisioning Interface (CUPI) API includes access for individual users when authenticating against user credentials. This allows for custom end-user applications.

CUMI: Cisco_Unity_Connection_Messaging_Interface_(CUMI)_API

The Cisco Unity Connection Messaging Interface (CUMI) API provides access to user messages.

CUTI: Cisco_Unity_Connection_Telephony_Interface_(CUTI)_API

The Cisco Unity Connection Telephony Interface (CUTI) API provides the ability to play and record audio content over the phone.

CUII: Cisco Unity Connection Imaging Interface (CUII) API

Cisco Unity Connection 9.0(1) and later versions now support the Cisco Unity Connection Imaging Interface (CUII) API that provides the ability to view message state and mailbox information visually using graphics icons.

CUNI: Cisco_Unity_Connection_Notification_Interface_(CUNI)_API

The Cisco Unity Connection Notification Interface (CUNI) API provides notification for one or more users. CUNI is designed for use in server-to-server applications where receiving notifications for many users over a single connection is required.

Other Connection API Resources

FAQ

Troubleshooting

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