

Links to Other API pages: [Cisco Unity Connection APIs](#)

CUPI Guide Contents
API Overview
Index of All CUPI Documentation

Contents

- [1 About User Templates](#)
- [2 Listing and Viewing User Templates](#)
 - ◆ [2.1 Generic Examples to List User Templates](#)
 - ◆ [2.2 JSON Examples to List User Templates](#)
- [3 Adding User Template](#)
- [4 Modifying a User Template](#)
- [5 Deleting User Templates](#)
- [6 Minimum Software Version](#)

About User Templates

This page contains information on how to use the API to create, list, modify, and delete user templates. When you create user accounts, you base each account on a user template. Creating new user accounts on a template minimizes the number of settings that must be modified on individual user accounts, making the job of creating user accounts easier.

Cisco Unity Connection comes with predefined user templates too, which you can modify but not delete. For more information on default user template, see [Default User Template](#) section.

Listing and Viewing User Templates

Generic Examples to List User Templates

Example 1

The following is an example of the GET request that lists all the User Templates:

```
https://<connection_server>/vmrest/usertemplates
```

The following is an example of the response from the above *GET* request and the actual response will depend upon the information given by you:

```
<UserTemplates total="1">
<UserTemplate>
  <URI>/vmrest/usertemplates/7553408b-3415-43db-aa82-3b2dc78062d1</URI>
  <ObjectId>7553408b-3415-43db-aa82-3b2dc78062d1</ObjectId>
  <UseDefaultLanguage>true</UseDefaultLanguage>
  <UseDefaultTimeZone>true</UseDefaultTimeZone>
  <Alias>voicemailusertemplate</Alias>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
<DisplayName>Voice Mail User Template</DisplayName>
<TimeZone>190</TimeZone>
<CreationTime>2012-06-25T06:07:31Z</CreationTime>
<CosObjectId>7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosObjectId>
<CosURI>/vmrest/coses/7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosURI>
<Language>1033</Language>
<LocationObjectId>6d4ff2e5-3f26-4a19-b2fa-beca79b4c5e9</LocationObjectId>
<LocationURI>
/vmrest/locations/connectionlocations/6d4ff2e5-3f26-4a19-b2fa-beca79b4c5e9
</LocationURI>
<AddressMode>0</AddressMode>
<ClockMode>0</ClockMode>
<ConversationTui>SubMenu</ConversationTui>
<GreetByName>>true</GreetByName>
<ListInDirectory>>true</ListInDirectory>
<IsVmEnrolled>>true</IsVmEnrolled>
<SayCopiedNames>>true</SayCopiedNames>
<SayDistributionList>>true</SayDistributionList>
<SayMsgNumber>>true</SayMsgNumber>
<SaySender>>true</SaySender>
<SayTimestampAfter>>true</SayTimestampAfter>
<SayTimestampBefore>>false</SayTimestampBefore>
<SayTotalNew>>false</SayTotalNew>
<SayTotalNewEmail>>false</SayTotalNewEmail>
<SayTotalNewFax>>false</SayTotalNewFax>
<SayTotalNewVoice>>true</SayTotalNewVoice>
<SayTotalReceipts>>false</SayTotalReceipts>
<SayTotalSaved>>true</SayTotalSaved>
<Speed>100</Speed>
<MediaSwitchObjectId>
1fb12b1c-cf14-4634-b73d-9b9c58ecdf68
</MediaSwitchObjectId>
<PhoneSystemURI>
/vmrest/phonesystems/1fb12b1c-cf14-4634-b73d-9b9c58ecdf68
</PhoneSystemURI>
<Undeletable>>true</Undeletable>
<UseBriefPrompts>>false</UseBriefPrompts>
<Volume>50</Volume>
<EnAltGreetDontRingPhone>>false</EnAltGreetDontRingPhone>
<EnAltGreetPreventSkip>>false</EnAltGreetPreventSkip>
<EnAltGreetPreventMsg>>false</EnAltGreetPreventMsg>
<EncryptPrivateMessages>>false</EncryptPrivateMessages>
<DeletedMessageSortOrder>2</DeletedMessageSortOrder>
<SayAltGreetWarning>>false</SayAltGreetWarning>
<SaySenderExtension>>false</SaySenderExtension>
<SayAni>>false</SayAni>
<ExitCallActionObjectId>
a365e3c0-d8ed-4874-9810-cedb074dfe33
</ExitCallActionObjectId>
<CallAnswerTimeout>4</CallAnswerTimeout>
<CallHandlerObjectId>f700f378-9656-45ea-94ff-c0462592999e</CallHandlerObjectId>
<CallhandlerURI>
/vmrest/callhandlerprimarytemplates/f700f378-9656-45ea-94ff-c0462592999e
</CallhandlerURI>
<DisplayNameRule>1</DisplayNameRule>
<DoesntExpire>>false</DoesntExpire>
<CantChange>>false</CantChange>
<MailboxStoreObjectId>cfc43112-601b-4764-ba92-b0220e9d7f23</MailboxStoreObjectId>
<SavedMessageStackOrder>1234567</SavedMessageStackOrder>
<NewMessageStackOrder>1234567</NewMessageStackOrder>
<InboxAutoResolveMessageRecipients>>true</InboxAutoResolveMessageRecipients>
<PcaAddressBookRowsPerPage>5</PcaAddressBookRowsPerPage>
<ReadOnly>>false</ReadOnly>
<EnableTts>>true</EnableTts>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
<ConfirmationConfidenceThreshold>60</ConfirmationConfidenceThreshold>
<AnnounceUpcomingMeetings>60</AnnounceUpcomingMeetings>
<SpeechConfidenceThreshold>40</SpeechConfidenceThreshold>
<SpeechSpeedVsAccuracy>50</SpeechSpeedVsAccuracy>
<SpeechSensitivity>50</SpeechSensitivity>
<EnableVisualMessageLocator>>false</EnableVisualMessageLocator>
<ContinuousAddMode>>false</ContinuousAddMode>
<NameConfirmation>>false</NameConfirmation>
<CommandDigitTimeout>1500</CommandDigitTimeout>
<SaveMessageOnHangup>>false</SaveMessageOnHangup>
<SendMessageOnHangup>1</SendMessageOnHangup>
<SkipForwardTime>5000</SkipForwardTime>
<SkipReverseTime>5000</SkipReverseTime>
<UseShortPollForCache>>false</UseShortPollForCache>
<SearchByExtensionSearchSpaceObjectId>
25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByExtensionSearchSpaceObjectId>
<SearchByExtensionSearchSpaceURI>
/vmrest/searchspaces/25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByExtensionSearchSpaceURI>
<SearchByNameSearchSpaceObjectId>
25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByNameSearchSpaceObjectId>
<SearchByNameSearchSpaceURI>
/vmrest/searchspaces/25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByNameSearchSpaceURI>
<PartitionObjectId>12101df7-ecd2-4a48-b5b9-9a96b5f85a25</PartitionObjectId>
<PartitionURI>
/vmrest/partitions/12101df7-ecd2-4a48-b5b9-9a96b5f85a25
</PartitionURI>
<UseDynamicNameSearchWeight>>false</UseDynamicNameSearchWeight>
<LdapType>0</LdapType>
<EnableMessageBookmark>>false</EnableMessageBookmark>
<SayTotalDraftMsg>>false</SayTotalDraftMsg>
<EnableSaveDraft>>false</EnableSaveDraft>
<RetainUrgentMessageFlag>>false</RetainUrgentMessageFlag>
<SayMessageLength>>false</SayMessageLength>
<CreateSmtProxyFromCorp>>false</CreateSmtProxyFromCorp>
<AutoAdvanceMsgs>>false</AutoAdvanceMsgs>
<SaySenderAfter>>false</SaySenderAfter>
<SaySenderExtensionAfter>>false</SaySenderExtensionAfter>
<SayMsgNumberAfter>>false</SayMsgNumberAfter>
<SayAniAfter>>false</SayAniAfter>
<SayMessageLengthAfter>>false</SayMessageLengthAfter>
<UserTemplateRolesURI>
/vmrest/usertemplates/7553408b-3415-43db-aa82-3b2dc78062d1/usertemplateroles
</UserTemplateRolesURI>
<UserTemplateNotificationDevicesURI>
/vmrest/usertemplates/7553408b-3415-43db-aa823b2dc78062d1/usertemplatenotificationdevices
</UserTemplateNotificationDevicesURI>
<UserTemplateWebPasswordURI>
/vmrest/usertemplates/7553408b-3415-43db-aa82-3b2dc78062d1/credential/password
</UserTemplateWebPasswordURI>
<UserTemplateVoicePinURI>
/vmrest/usertemplates/7553408b-3415-43db-aa82-3b2dc78062d1/credential/pin
</UserTemplateVoicePinURI>
<UserTemplateMessageActionURI>
/vmrest/usertemplates/7553408b-3415-43db-aa82-3b2dc78062d1/usertemplatemessageactions
</UserTemplateMessageActionURI>
</UserTemplate>
```

Response Code: 200

Example 2

The following is an example of the GET request that lists the User Template as represented by <objectId>:

```
https://<connection_server>/vmrest/usertemplates/<objectId>
```

The following is an example of the response from the above *GET* request and the actual response will depend upon the information given by you:

```
<UserTemplate>
  <URI>
    /vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781
  </URI>
  <ObjectId>
    c8af2544-2bc9-44fa-b713-e80f306cf781
  </ObjectId>
  <UseDefaultLanguage>true</UseDefaultLanguage>
  <UseDefaultTimeZone>true</UseDefaultTimeZone>
  <Alias>NewCiscoTemplate2</Alias>
  <City/>
  <State/>
  <Country>US</Country>
  <PostalCode/>
  <Department/>
  <Manager/>
  <Building/>
  <Address/>
  <DisplayName>testmonica</DisplayName>
  <BillingId/>
  <TimeZone>190</TimeZone>
  <CreationTime>2012-06-26 05:02:22.05</CreationTime>
  <CosObjectId>7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosObjectId>
  <CosURI>/vmrest/coses/7be9b3f3-1200-403f-984a-04c07b7c5a7b</CosURI>
  <Language>1033</Language>
  <LocationObjectId>
    6d4ff2e5-3f26-4a19-b2fa-beca79b4c5e9
  </LocationObjectId>
  <LocationURI>
    /vmrest/locations/connectionlocations/6d4ff2e5-3f26-4a19-b2fa-beca79b4c5e9
  </LocationURI>
  <AddressMode>0</AddressMode>
  <ClockMode>0</ClockMode>
  <ConversationTui>SubMenu</ConversationTui>
  <GreetByName>true</GreetByName>
  <ListInDirectory>true</ListInDirectory>
  <IsVmEnrolled>true</IsVmEnrolled>
  <SayCopiedNames>true</SayCopiedNames>
  <SayDistributionList>true</SayDistributionList>
  <SayMsgNumber>true</SayMsgNumber>
  <SaySender>true</SaySender>
  <SayTimestampAfter>true</SayTimestampAfter>
  <SayTimestampBefore>>false</SayTimestampBefore>
  <SayTotalNew>>false</SayTotalNew>
  <SayTotalNewEmail>>false</SayTotalNewEmail>
  <SayTotalNewFax>>false</SayTotalNewFax>
  <SayTotalNewVoice>true</SayTotalNewVoice>
  <SayTotalReceipts>>false</SayTotalReceipts>
  <SayTotalSaved>true</SayTotalSaved>
  <Speed>100</Speed>
  <MediaSwitchObjectId>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
1fb12b1c-cf14-4634-b73d-9b9c58ecdf68
</MediaSwitchObjectId>
<PhoneSystemURI>
/vmrest/phonesystems/1fb12b1c-cf14-4634-b73d-9b9c58ecdf68
</PhoneSystemURI>
<Undeletable>>false</Undeletable>
<UseBriefPrompts>>false</UseBriefPrompts>
<Volume>50</Volume>
<EnAltGreetDontRingPhone>>false</EnAltGreetDontRingPhone>
<EnAltGreetPreventSkip>>false</EnAltGreetPreventSkip>
<EnAltGreetPreventMsg>>false</EnAltGreetPreventMsg>
<EncryptPrivateMessages>>false</EncryptPrivateMessages>
<DeletedMessageSortOrder>2</DeletedMessageSortOrder>
<SayAltGreetWarning>>false</SayAltGreetWarning>
<SaySenderExtension>>false</SaySenderExtension>
<SayAni>>false</SayAni>
<ExitCallActionObjectId>
27cbb3a8-f040-4ee9-9686-620c43e3d725
</ExitCallActionObjectId>
<CallAnswerTimeout>4</CallAnswerTimeout>
<CallHandlerObjectId>
9a5ac35a-0df8-4ebb-8e19-77f936dfd263
</CallHandlerObjectId>
<CallhandlerURI>
/vmrest/callhandlerprimarytemplates/9a5ac35a-0df8-4ebb-8e19-77f936dfd263
</CallhandlerURI>
<DisplayNameRule>1</DisplayNameRule>
<DoesntExpire>>false</DoesntExpire>
<CantChange>>false</CantChange>
<MailboxStoreObjectId>
cfc43112-601b-4764-ba92-b0220e9d7f23
</MailboxStoreObjectId>
<SavedMessageStackOrder>1234567</SavedMessageStackOrder>
<NewMessageStackOrder>1234567</NewMessageStackOrder>
<MessageLocatorSortOrder>1</MessageLocatorSortOrder>
<SavedMessageSortOrder>2</SavedMessageSortOrder>
<NewMessageSortOrder>1</NewMessageSortOrder>
<MessageTypeMenu>>false</MessageTypeMenu>
<EnablePersonalRules>>true</EnablePersonalRules>
<RecordUnknownCallerName>>true</RecordUnknownCallerName>
<RingPrimaryPhoneFirst>>false</RingPrimaryPhoneFirst>
<PromptSpeed>100</PromptSpeed>
<ExitAction>2</ExitAction>
<ExitTargetConversation>PHTransfer</ExitTargetConversation>
<ExitTargetHandlerObjectId>
7ae69f21-1c99-4cc1-96c3-albbe11fd4ca
</ExitTargetHandlerObjectId>
<RepeatMenu>1</RepeatMenu>
<FirstDigitTimeout>5000</FirstDigitTimeout>
<InterdigitDelay>3000</InterdigitDelay>
<PromptVolume>50</PromptVolume>
<AddressAfterRecord>>false</AddressAfterRecord>
<ConfirmDeleteMessage>>false</ConfirmDeleteMessage>
<ConfirmDeleteDeletedMessage>>false</ConfirmDeleteDeletedMessage>
<ConfirmDeleteMultipleMessages>>true</ConfirmDeleteMultipleMessages>
<IsClockMode24Hour>>false</IsClockMode24Hour>
<RouteNDRToSender>>true</RouteNDRToSender>
<NotificationType>0</NotificationType>
<SendReadReceipts>0</SendReadReceipts>
<ReceiveQuota>-1</ReceiveQuota>
<SendQuota>-1</SendQuota>
<WarningQuota>-1</WarningQuota>
<IsSetForVmEnrollment>>true</IsSetForVmEnrollment>
<VoiceNameRequired>>false</VoiceNameRequired>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
<SendBroadcastMsg>>true</SendBroadcastMsg>
<UpdateBroadcastMsg>>false</UpdateBroadcastMsg>
<ConversationVui>VuiStart</ConversationVui>
<SpeechCompleteTimeout>0</SpeechCompleteTimeout>
<SpeechIncompleteTimeout>750</SpeechIncompleteTimeout>
<UseVui>>false</UseVui>
<SkipPasswordForKnownDevice>>false</SkipPasswordForKnownDevice>
<JumpToMessagesOnLogin>>true</JumpToMessagesOnLogin>
<EnableMessageLocator>>false</EnableMessageLocator>
<MessageAgingPolicyObjectId>
2e02eca6-270b-4b7f-a153-f03ea74d403d
</MessageAgingPolicyObjectId>
<MessageAgingPolicyURI>
/vmrest/messageagingpolicies/2e02eca6-270b-4b7f-a153-f03ea74d403d
</MessageAgingPolicyURI>
<AssistantRowsPerPage>5</AssistantRowsPerPage>
<InboxMessagesPerPage>20</InboxMessagesPerPage>
<InboxAutoRefresh>15</InboxAutoRefresh>
<InboxAutoResolveMessageRecipients>>true</InboxAutoResolveMessageRecipients>
<PcaAddressBookRowsPerPage>5</PcaAddressBookRowsPerPage>
<ReadOnly>>false</ReadOnly>
<EnableTts>>true</EnableTts>
<ConfirmationConfidenceThreshold>60</ConfirmationConfidenceThreshold>
<AnnounceUpcomingMeetings>60</AnnounceUpcomingMeetings>
<SpeechConfidenceThreshold>40</SpeechConfidenceThreshold>
<SpeechSpeedVsAccuracy>50</SpeechSpeedVsAccuracy>
<SpeechSensitivity>50</SpeechSensitivity>
<EnableVisualMessageLocator>>false</EnableVisualMessageLocator>
<ContinuousAddMode>>false</ContinuousAddMode>
<NameConfirmation>>false</NameConfirmation>
<CommandDigitTimeout>1500</CommandDigitTimeout>
<SaveMessageOnHangup>>false</SaveMessageOnHangup>
<SendMessageOnHangup>1</SendMessageOnHangup>
<SkipForwardTime>5000</SkipForwardTime>
<SkipReverseTime>5000</SkipReverseTime>
<UseShortPollForCache>>false</UseShortPollForCache>
<SearchByExtensionSearchSpaceObjectId>
25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByExtensionSearchSpaceObjectId>
<SearchByExtensionSearchSpaceURI>
/vmrest/searchspaces/25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByExtensionSearchSpaceURI>
<SearchByNameSearchSpaceObjectId>
25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByNameSearchSpaceObjectId>
<SearchByNameSearchSpaceURI>
/vmrest/searchspaces/25e2e004-c194-4593-9961-bdcaf5dd7189
</SearchByNameSearchSpaceURI>
<PartitionObjectId>
12101df7-ecd2-4a48-b5b9-9a96b5f85a25
</PartitionObjectId>
<PartitionURI>
/vmrest/partitions/12101df7-ecd2-4a48-b5b9-9a96b5f85a25
</PartitionURI>
<UseDynamicNameSearchWeight>>false</UseDynamicNameSearchWeight>
<LdapType>0</LdapType>
<EnableMessageBookmark>>false</EnableMessageBookmark>
<SayTotalDraftMsg>>false</SayTotalDraftMsg>
<EnableSaveDraft>>false</EnableSaveDraft>
<RetainUrgentMessageFlag>>false</RetainUrgentMessageFlag>
<SayMessageLength>>false</SayMessageLength>
<CreateSmtProxyFromCorp>>false</CreateSmtProxyFromCorp>
<AutoAdvanceMsgs>>false</AutoAdvanceMsgs>
<SaySenderAfter>>false</SaySenderAfter>
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
<SaySenderExtensionAfter>>false</SaySenderExtensionAfter>
<SayMsgNumberAfter>>false</SayMsgNumberAfter>
<SayAniAfter>>false</SayAniAfter>
<SayMessageLengthAfter>>false</SayMessageLengthAfter>
<UserTemplateRolesURI>
/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781/usertemplateroles
</UserTemplateRolesURI>
<UserTemplateNotificationDevicesURI>
/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781/usertemplatenotificationdevices
</UserTemplateNotificationDevicesURI>
<UserTemplateWebPasswordURI>
/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781/credential/password
</UserTemplateWebPasswordURI>
<UserTemplateVoicePinURI>
/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781/credential/pin
</UserTemplateVoicePinURI>
<UserTemplateMessageActionURI>
/vmrest/usertemplates/c8af2544-2bc9-44fa-b713-e80f306cf781/usertemplatemessageactions
</UserTemplateMessageActionURI>
</UserTemplate>
```

Response Code: 200

JSON Examples to List User Templates

Example 1

The following is an example of the GET request that lists all the User Templates:

```
https://<connection_server>/vmrest/usertemplates/
```

The following is an example of the response from the above *GET* request and the actual response will depend upon the information given by you:

```
{
"@total": "2",
"UserTemplate":
{
  "URI": "/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d",
  "ObjectId": "885dd0af-bdb1-401f-b4e9-6bd9fc8d594d",
  "UseDefaultLanguage": "true",
  "UseDefaultTimeZone": "true",
  "Alias": "voicemailusertemplate",
  "DisplayName": "Voice Mail User Template",
  "TimeZone": "4",
  "CreationTime": "2012-07-29T14:10:26Z",
  "CosObjectId": "362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "CosURI": "/vmrest/coses/362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "Language": "1033",
  "LocationObjectId": "3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "LocationURI":
  "/vmrest/locations/connectionlocations/3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "AddressMode": "0",
  "ClockMode": "0",
  "ConversationTui": "SubMenu",
  "GreetByName": "true",
  "ListInDirectory": "true",
  "IsVmEnrolled": "true",
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"SayCopiedNames": "true",
"SayDistributionList": "true",
"SayMsgNumber": "true",
"SaySender": "true",
"SayTimestampAfter": "true",
"SayTimestampBefore": "false",
"SayTotalNew": "false",
"SayTotalNewEmail": "false",
"SayTotalNewFax": "false",
"SayTotalNewVoice": "true",
"SayTotalReceipts": "false",
"SayTotalSaved": "true",
"Speed": "100",
"MediaSwitchObjectId": "0d15753c-e1b4-4865-b00b-999a1ccf56ce",
"PhoneSystemURI":
"/vmrest/phonesystems/0d15753c-e1b4-4865-b00b-999a1ccf56ce",
"Undeletable": "true",
"UseBriefPrompts": "false",
"Volume": "50",
"EnAltGreetDontRingPhone": "false",
"EnAltGreetPreventSkip": "false",
"EnAltGreetPreventMsg": "false",
"EncryptPrivateMessages": "false",
"DeletedMessageSortOrder": "2",
"SayAltGreetWarning": "false",
"SaySenderExtension": "false",
"SayAni": "false",
"ExitCallActionObjectId": "6352cf7d-89f8-4748-bac5-8878889c3d56",
"CallAnswerTimeout": "4",
"CallHandlerObjectId": "c9069370-3631-4d36-a53a-1ac4e8d8f444",
"CallhandlerURI":
"/vmrest/callhandlerprimarytemplates/c9069370-3631-4d36-a53a-1ac4e8d8f444",
"DisplayNameRule": "1",
"DoesntExpire": "false",
"CantChange": "false",
"MailboxStoreObjectId": "6d2eb9ad-3caf-41d2-b3db-4451d95057fe",
"SavedMessageStackOrder": "1234567",
"NewMessageStackOrder": "1234567",
"MessageLocatorSortOrder": "1",
"SavedMessageSortOrder": "2",
"NewMessageSortOrder": "1",
"MessageTypeMenu": "false",
"EnablePersonalRules": "true",
"RecordUnknownCallerName": "true",
"RingPrimaryPhoneFirst": "false",
"PromptSpeed": "100",
"ExitAction": "2",
"ExitTargetConversation": "PHGreeting",
"ExitTargetHandlerObjectId": "708d5a59-95bb-4804-979b-c56b2f7d719a",
"RepeatMenu": "1",
"FirstDigitTimeout": "5000",
"InterdigitDelay": "3000",
"PromptVolume": "50",
"DelayAfterGreeting": "0",
"AddressAfterRecord": "false",
"ConfirmDeleteMessage": "false",
"ConfirmDeleteDeletedMessage": "false",
"ConfirmDeleteMultipleMessages": "true",
"IsClockMode24Hour": "false",
"RouteNDRToSender": "true",
"NotificationType": "0",
"SendReadReceipts": "1",
"ReceiveQuota": "2147483647",
"SendQuota": "2147483647",
```


Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"WarningQuota": "2147483647",
"IsSetForVmEnrollment": "true",
"VoiceNameRequired": "false",
"SendBroadcastMsg": "false",
"UpdateBroadcastMsg": "false",
"ConversationVui": "VuiStart",
"SpeechCompleteTimeout": "0",
"SpeechIncompleteTimeout": "750",
"UseVui": "false",
"SkipPasswordForKnownDevice": "false",
"JumpToMessagesOnLogin": "true",
"EnableMessageLocator": "false",
"MessageAgingPolicyObjectId": "a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"MessageAgingPolicyURI":
"/vmrest/messageagingpolicies/a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"AssistantRowsPerPage": "5",
"InboxMessagesPerPage": "20",
"InboxAutoRefresh": "15",
"InboxAutoResolveMessageRecipients": "true",
"PcaAddressBookRowsPerPage": "5",
"ReadOnly": "false",
"EnableTts": "true",
"ConfirmationConfidenceThreshold": "60",
"AnnounceUpcomingMeetings": "60",
"SpeechConfidenceThreshold": "40",
"SpeechSpeedVsAccuracy": "50",
"SpeechSensitivity": "50",
"EnableVisualMessageLocator": "false",
"ContinuousAddMode": "false",
"NameConfirmation": "false",
"CommandDigitTimeout": "1500",
"SaveMessageOnHangup": "false",
"SendMessageOnHangup": "1",
"SkipForwardTime": "12345",
"SkipReverseTime": "54321",
"UseShortPollForCache": "false",
"SearchByExtensionSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByExtensionSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
"PartitionObjectId": "6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"PartitionURI":
"/vmrest/partitions/6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"UseDynamicNameSearchWeight": "false",
"LdapType": "0",
"EnableMessageBookmark": "false",
"SayTotalDraftMsg": "false",
"EnableSaveDraft": "false",
"RetainUrgentMessageFlag": "false",
"SayMessageLength": "false",
"CreateSmtProxyFromCorp": "false",
"AutoAdvanceMsgs": "false",
"SaySenderAfter": "false",
"SaySenderExtensionAfter": "false",
"SayMsgNumberAfter": "true",
"SayAniAfter": "false",
"SayMessageLengthAfter": "false",
"UserTemplateRolesURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplateroles",
"UserTemplateNotificationDevicesURI":
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplatenotificationdevices",
"TemplateExternalServiceAccountsURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/templateexternalserviceaccounts",
"UserTemplateWebPasswordURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/credential/password",
"UserTemplateVoicePinURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/credential/pin",
"UserTemplateMessageActionURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplatemessageactions",
"DefaultUserTemplateURI": "/vmrest/userdefaulttemplates"
},
{
  "URI": "/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7",
  "ObjectId": "7426a16f-e735-4854-9ab6-7463728ea4f7",
  "UseDefaultLanguage": "true",
  "UseDefaultTimeZone": "true",
  "Alias": "AdminTest",
  "DisplayName": "Admin test",
  "TimeZone": "4",
  "CreationTime": "2012-08-28T10:57:12Z",
  "CosObjectId": "362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "CosURI": "/vmrest/coses/362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "Language": "1033",
  "LocationObjectId": "3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "LocationURI":
"/vmrest/locations/connectionlocations/3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "AddressMode": "0",
  "ClockMode": "0",
  "ConversationTui": "SubMenu",
  "GreetByName": "true",
  "ListInDirectory": "true",
  "IsVmEnrolled": "true",
  "SayCopiedNames": "true",
  "SayDistributionList": "true",
  "SayMsgNumber": "true",
  "SaySender": "true",
  "SayTimestampAfter": "true",
  "SayTimestampBefore": "false",
  "SayTotalNew": "false",
  "SayTotalNewEmail": "false",
  "SayTotalNewFax": "false",
  "SayTotalNewVoice": "true",
  "SayTotalReceipts": "false",
  "SayTotalSaved": "true",
  "Speed": "100",
  "MediaSwitchObjectId": "0d15753c-e1b4-4865-b00b-999a1ccf56ce",
  "PhoneSystemURI":
"/vmrest/phonesystems/0d15753c-e1b4-4865-b00b-999a1ccf56ce",
  "Undeletable": "false",
  "UseBriefPrompts": "false",
  "Volume": "50",
  "EnAltGreetDontRingPhone": "false",
  "EnAltGreetPreventSkip": "false",
  "EnAltGreetPreventMsg": "false",
  "EncryptPrivateMessages": "false",
  "DeletedMessageSortOrder": "2",
  "SayAltGreetWarning": "false",
  "SaySenderExtension": "false",
  "SayAni": "false",
  "ExitCallActionObjectId": "38d9d3d2-2f70-4e4c-a3bd-54c8e96df9f6",
  "CallAnswerTimeout": "4",
  "CallHandlerObjectId": "ee01a097-2c78-4f36-9400-c0a6e0159419",
  "CallhandlerURI":
"/vmrest/callhandlerprimarytemplates/ee01a097-2c78-4f36-9400-c0a6e0159419",
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"DisplayNameRule": "1",
"DoesntExpire": "false",
"CantChange": "false",
"MailboxStoreObjectId": "6d2eb9ad-3caf-41d2-b3db-4451d95057fe",
"SavedMessageStackOrder": "1234567",
"NewMessageStackOrder": "1234567",
"MessageLocatorSortOrder": "1",
"SavedMessageSortOrder": "2",
"NewMessageSortOrder": "1",
"MessageTypeMenu": "false",
"EnablePersonalRules": "true",
"RecordUnknownCallerName": "true",
"RingPrimaryPhoneFirst": "false",
"PromptSpeed": "100",
"ExitAction": "2",
"ExitTargetConversation": "PHGreeting",
"ExitTargetHandlerObjectId": "708d5a59-95bb-4804-979b-c56b2f7d719a",
"RepeatMenu": "1",
"FirstDigitTimeout": "5000",
"InterdigitDelay": "3000",
"PromptVolume": "50",
"DelayAfterGreeting": "0",
"AddressAfterRecord": "false",
"ConfirmDeleteMessage": "false",
"ConfirmDeleteDeletedMessage": "false",
"ConfirmDeleteMultipleMessages": "true",
"IsClockMode24Hour": "false",
"RouteNDRToSender": "true",
"NotificationType": "0",
"SendReadReceipts": "1",
"ReceiveQuota": "2147483647",
"SendQuota": "2147483647",
"WarningQuota": "2147483647",
"IsSetForVmEnrollment": "true",
"VoiceNameRequired": "false",
"SendBroadcastMsg": "false",
"UpdateBroadcastMsg": "false",
"ConversationVui": "VuiStart",
"SpeechCompleteTimeout": "0",
"SpeechIncompleteTimeout": "750",
"UseVui": "false",
"SkipPasswordForKnownDevice": "false",
"JumpToMessagesOnLogin": "true",
"EnableMessageLocator": "false",
"MessageAgingPolicyObjectId": "a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"MessageAgingPolicyURI":
"/vmrest/messageagingpolicies/a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"AssistantRowsPerPage": "5",
"InboxMessagesPerPage": "20",
"InboxAutoRefresh": "15",
"InboxAutoResolveMessageRecipients": "true",
"PcaAddressBookRowsPerPage": "5",
"ReadOnly": "false",
"EnableTts": "true",
"ConfirmationConfidenceThreshold": "60",
"AnnounceUpcomingMeetings": "60",
"SpeechConfidenceThreshold": "40",
"SpeechSpeedVsAccuracy": "50",
"SpeechSensitivity": "50",
"EnableVisualMessageLocator": "false",
"ContinuousAddMode": "false",
"NameConfirmation": "false",
"CommandDigitTimeout": "1500",
"SaveMessageOnHangup": "false",
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"SendMessageOnHangup": "1",
"SkipForwardTime": "12345",
"SkipReverseTime": "54321",
"UseShortPollForCache": "false",
"SearchByExtensionSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByExtensionSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
"PartitionObjectId":
"6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"PartitionURI":
"/vmrest/partitions/6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"UseDynamicNameSearchWeight": "false",
"LdapType": "0",
"EnableMessageBookmark": "false",
"SayTotalDraftMsg": "false",
"EnableSaveDraft": "false",
"RetainUrgentMessageFlag": "false",
"SayMessageLength": "false",
"CreateSmtProxyFromCorp": "false",
"AutoAdvanceMsgs": "false",
"SaySenderAfter": "false",
"SaySenderExtensionAfter": "false",
"SayMsgNumberAfter": "true",
"SayAniAfter": "false",
"SayMessageLengthAfter": "false",
"UserTemplateRolesURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/usertemplateroles",
"UserTemplateNotificationDevicesURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/usertemplatenotificationdevices",
"TemplateExternalServiceAccountsURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/templateexternalserviceaccounts",
"UserTemplateWebPasswordURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/credential/password",
"UserTemplateVoicePinURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/credential/pin",
"UserTemplateMessageActionURI":
"/vmrest/usertemplates/7426a16f-e735-4854-9ab6-7463728ea4f7/usertemplatemessageactions",
"DefaultUserTemplateURI": "/vmrest/userdefaulttemplates"
}
}
```

Response Code: 200

Example 2

The following is an example of the GET request that lists the User Template as represented by <objectId>:

```
https://<connection_server>/vmrest/usertemplates/<objectId>
```

The following is an example of the response from the above *GET* request and the actual response will depend upon the information given by you:

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
{
  "URI": "/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d",
  "ObjectId": "885dd0af-bdb1-401f-b4e9-6bd9fc8d594d",
  "UseDefaultLanguage": "true",
  "UseDefaultTimeZone": "true",
  "Alias": "voicemailusertemplate",
  "DisplayName": "Voice Mail User Template",
  "TimeZone": "4",
  "CreationTime": "2012-07-29T14:10:26Z",
  "CosObjectId": "362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "CosURI": "/vmrest/coses/362bf7f9-7cec-4f59-86dd-6c058a9100ef",
  "Language": "1033",
  "LocationObjectId": "3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "LocationURI":
  "/vmrest/locations/connectionlocations/3a403c9c-04c8-496a-ba76-23faaaae5a95",
  "AddressMode": "0",
  "ClockMode": "0",
  "ConversationTui": "SubMenu",
  "GreetByName": "true",
  "ListInDirectory": "true",
  "IsVmEnrolled": "true",
  "SayCopiedNames": "true",
  "SayDistributionList": "true",
  "SayMsgNumber": "true",
  "SaySender": "true",
  "SayTimestampAfter": "true",
  "SayTimestampBefore": "false",
  "SayTotalNew": "false",
  "SayTotalNewEmail": "false",
  "SayTotalNewFax": "false",
  "SayTotalNewVoice": "true",
  "SayTotalReceipts": "false",
  "SayTotalSaved": "true",
  "Speed": "100",
  "MediaSwitchObjectId": "0d15753c-e1b4-4865-b00b-999a1ccf56ce",
  "PhoneSystemURI":
  "/vmrest/phonesystems/0d15753c-e1b4-4865-b00b-999a1ccf56ce",
  "Undeletable": "true",
  "UseBriefPrompts": "false",
  "Volume": "50",
  "EnAltGreetDontRingPhone": "false",
  "EnAltGreetPreventSkip": "false",
  "EnAltGreetPreventMsg": "false",
  "EncryptPrivateMessages": "false",
  "DeletedMessageSortOrder": "2",
  "SayAltGreetWarning": "false",
  "SaySenderExtension": "false",
  "SayAni": "false",
  "ExitCallActionObjectId": "6352cf7d-89f8-4748-bac5-8878889c3d56",
  "CallAnswerTimeout": "4",
  "CallHandlerObjectId": "c9069370-3631-4d36-a53a-1ac4e8d8f444",
  "CallhandlerURI":
  "/vmrest/callhandlerprimarytemplates/c9069370-3631-4d36-a53a-1ac4e8d8f444",
  "DisplayNameRule": "1",
  "DoesntExpire": "false",
  "CantChange": "false",
  "MailboxStoreObjectId": "6d2eb9ad-3caf-41d2-b3db-4451d95057fe",
  "SavedMessageStackOrder": "1234567",
  "NewMessageStackOrder": "1234567",
  "MessageLocatorSortOrder": "1",
  "SavedMessageSortOrder": "2",
  "NewMessageSortOrder": "1",
  "MessageTypeMenu": "false",
  "EnablePersonalRules": "true",
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"RecordUnknownCallerName": "true",
"RingPrimaryPhoneFirst": "false",
"PromptSpeed": "100",
"ExitAction": "2",
"ExitTargetConversation": "PHGreeting",
"ExitTargetHandlerObjectId": "708d5a59-95bb-4804-979b-c56b2f7d719a",
"RepeatMenu": "1",
"FirstDigitTimeout": "5000",
"InterdigitDelay": "3000",
"PromptVolume": "50",
"AddressAfterRecord": "false",
"ConfirmDeleteMessage": "false",
"ConfirmDeleteDeletedMessage": "false",
"ConfirmDeleteMultipleMessages": "true",
"IsClockMode24Hour": "false",
"RouteNDRToSender": "true",
"NotificationType": "0",
"SendReadReceipts": "1",
"ReceiveQuota": "2147483647",
"SendQuota": "2147483647",
"WarningQuota": "2147483647",
"IsSetForVmEnrollment": "true",
"VoiceNameRequired": "false",
"SendBroadcastMsg": "false",
"UpdateBroadcastMsg": "false",
"ConversationVui": "VuiStart",
"SpeechCompleteTimeout": "0",
"SpeechIncompleteTimeout": "750",
"UseVui": "false",
"SkipPasswordForKnownDevice": "false",
"JumpToMessagesOnLogin": "true",
"EnableMessageLocator": "false",
"MessageAgingPolicyObjectId": "a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"MessageAgingPolicyURI":
"/vmrest/messageagingpolicies/a4b9216a-9360-4f9b-8937-cc66fba0ebbe",
"AssistantRowsPerPage": "5",
"InboxMessagesPerPage": "20",
"InboxAutoRefresh": "15",
"InboxAutoResolveMessageRecipients": "true",
"PcaAddressBookRowsPerPage": "5",
"ReadOnly": "false",
"EnableTts": "true",
"ConfirmationConfidenceThreshold": "60",
"AnnounceUpcomingMeetings": "60",
"SpeechConfidenceThreshold": "40",
"SpeechSpeedVsAccuracy": "50",
"SpeechSensitivity": "50",
"EnableVisualMessageLocator": "false",
"ContinuousAddMode": "false",
"NameConfirmation": "false",
"CommandDigitTimeout": "1500",
"SaveMessageOnHangup": "false",
"SendMessageOnHangup": "1",
"SkipForwardTime": "12345",
"SkipReverseTime": "54321",
"UseShortPollForCache": "false",
"SearchByExtensionSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByExtensionSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceObjectId":
"a3933806-a995-443e-8704-498c03377bf7",
"SearchByNameSearchSpaceURI":
"/vmrest/searchspaces/a3933806-a995-443e-8704-498c03377bf7",
```

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"PartitionObjectId":
"6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"PartitionURI":
"/vmrest/partitions/6ac064a3-79d6-4a52-a3d3-f4311be5c28c",
"UseDynamicNameSearchWeight": "false",
"LdapType": "0",
"EnableMessageBookmark": "false",
"SayTotalDraftMsg": "false",
"EnableSaveDraft": "false",
"RetainUrgentMessageFlag": "false",
"SayMessageLength": "false",
"CreateSmtProxyFromCorp": "false",
"AutoAdvanceMsgs": "false",
"SaySenderAfter": "false",
"SaySenderExtensionAfter": "false",
"SayMsgNumberAfter": "true",
"SayAniAfter": "false",
"SayMessageLengthAfter": "false",
"UserTemplateRolesURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplateroles",
"UserTemplateNotificationDevicesURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplatenotificationdevices",
"TemplateExternalServiceAccountsURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/templateexternalserviceaccounts",
"UserTemplateWebPasswordURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/credential/password",
"UserTemplateVoicePinURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/credential/pin",
"UserTemplateMessageActionURI":
"/vmrest/usertemplates/885dd0af-bdb1-401f-b4e9-6bd9fc8d594d/usertemplatemessageactions",
"DefaultUserTemplateURI": "/vmrest/userdefaulttemplates"
}
```

Response Code: 200

Adding User Template

Example 1

The following is an example of the POST request that adds the User Templates:

```
https://<connection_server>/vmrest/usertemplates?templateAlias=voicemailusertemplate
```

The following is an example of the response from the above *POST* request and the actual response will depend upon the information given by you:

```
<UserTemplate>
<DisplayName>DemoUserTemplate</DisplayName>
<Alias>DemoUserTemplate</Alias>
</UserTemplate>
```

Response Code: 201

Example 2

Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

The following is a JSON example of the POST request that adds the User Templates:

```
https://<connection_server>/vmrest/usertemplates?templateAlias=voicemailusertemplate
```

The following is an example of the response from the above *POST* request and the actual response will depend upon the information given by you:

```
{
  "Alias": "adminTemplate1",
  "DisplayName": "Admin Voice Mail Template"
}
```

Response Code: 201

Modifying a User Template

Example 1

The following is an example of the PUT request that modifies the user template as represented by <objectId>:

```
https://<connection_server>/vmrest/usertemplate/<objectId>
```

The following is an example of the response from the above *PUT* request and the actual response will depend upon the information given by you:

```
<UserTemplate>
<SendBroadcastMsg>true</SendBroadcastMsg>
<GreetByName>true</GreetByName>
<ListInDirectory>true</ListInDirectory>
<IsVmEnrolled>true</IsVmEnrolled>
<SayCopiedNames>true</SayCopiedNames>
<SayDistributionList>true</SayDistributionList>
<SayMsgNumber>true</SayMsgNumber>
</UserTemplate>
```

RESPONSE Code: 204

Example 2

The following is a JSON example of the PUT request that modifies the user template as represented by <objectId>:

```
https://<connection_server>/vmrest/usertemplate/<objectId>
```

The following is an example of the response from the above *PUT* request and the actual response will depend upon the information given by you:

```
{
  "SendBroadcastMsg" : "true",
  "GreetByName" : "true",
  "ListInDirectory" : "true",
  "IsVmEnrolled" : "true",
  "SayCopiedNames" : "true",
```


Cisco_Unity_Connection_Provisioning_Interface_(CUPI)_API_--_Basic_User_Template_Information

```
"SayDistributionList" : "true",  
"SayMsgNumber" : "true"  
}
```

Response Code: 204

You can also modify the following for a user template:

- [User Template Voicemail PIN](#)
- [User Template Transfer Options](#)
- [User Template Caller Input](#)
- [User Template Greetings](#)
- [User Template Notification Devices](#)
- [User Template External Services](#)
- [User Template External Service Accounts](#)

Deleting User Templates

The following is an example of the DELETE request that deletes a User Template as represented by <objectId>:

```
https://<connection_server>/vmrest/usertemplates/<objectId>
```

The output for this request returns the successful response code.

Response Code: 204

Minimum Software Version

These APIs are supported with Cisco Unity Connection 9.0.1.11004-1 Engineering Special 13.