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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>
```

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```
<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>
```

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```
<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>
```

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```
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>
```

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```
<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>
```

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```
<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-elb4-4865-b00b-999a1ccf56ce",
"PhoneSystemURI":
"/vmrest/phonesystems/0d15753c-elb4-4865-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",
```

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```
"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.