



Primary Location Settings

Overview: Primary Location Settings

Each Cisco Unity server has a primary location, which is created during installation and which cannot be deleted. The primary location identifies the Cisco Unity server and contains the networking information that is needed to communicate with other locations, which can be Cisco Unity servers or other voice messaging systems. With the exception of public distribution lists, all subscribers and other Cisco Unity objects (such as call handlers) created on your Cisco Unity server are associated directly or indirectly with the primary location.

No matter which networking option Cisco Unity uses to send and receive voice messages, you need to customize the primary location of your Cisco Unity server.

See the following sections in this chapter for more information about the settings for the primary location:

- [Primary Location Profile Settings, page 11-1](#)—This section provides information about the settings that identify the Cisco Unity server to other Cisco Unity servers or to other voice messaging systems, and provides guidelines for assigning location Dial IDs.
- [Primary Location Addressing Option Settings, page 11-6](#)—This section provides information about the settings that allow you to select the scope of the search performed when a subscriber uses the phone to address a message by name or extension.

Primary Location Profile Settings

The primary location profile settings contain the network information needed to identify the Cisco Unity server to other Cisco Unity servers or to other messaging systems.

Assigning Dial IDs

The primary location profile settings contain a Dial ID, which Cisco Unity uses as an identifier for the location. You need to carefully plan the numbers that you choose as Dial IDs—for both the primary location and for any delivery locations—particularly when your organization has multiple Cisco Unity servers networked together. Without careful planning, it is possible to assign Dial IDs that have the effect of preventing Cisco Unity from finding a message recipient at another location.

In installations with multiple Cisco Unity servers networked together, be sure to consult with the administrators of the other Cisco Unity servers about the numbers that you can use for the Dial IDs of the primary location and for any delivery locations that you create. You need to verify that the Dial IDs on the local Cisco Unity server do not conflict with the Dial IDs and extensions used on other Cisco Unity servers.

Guidelines for Assigning Dial IDs and Extensions

The numbering plan for assigning Dial IDs and extensions can affect how easily Cisco Unity matches the number that a subscriber enters when addressing a message. The following guidelines are recommended:

- Establish a fixed length for Dial IDs, and if possible, a fixed length for extensions.
- Assign unique Dial IDs. A Dial ID must not be the same as any other Dial ID or any extension assigned to a subscriber, call handler, interview handler, or public distribution list. (Note that in installations with multiple Cisco Unity servers networked together, it is unfortunately possible to assign a non-unique Dial ID due to directory replication lag time.)
- Assign a numbering range for Dial IDs that extensions do not use. For example, you can assign Dial IDs with leading zeros—001, 002, and so on.
- If you use variable-length Dial IDs and extensions, the Dial IDs should be in a different numbering range than the range for extensions. For example, if there is a local extension 750123, do not assign a location the Dial ID of 750 if there is a possibility that this location will have the extension 123.
- If you use variable-length Dial IDs, the first digits of each ID should be unique with respect to other Dial IDs. For example, if you have a location with an ID of 750, do not assign another location the ID of 7503. In this example, during a blind addressing search, Cisco Unity would always match the blind address entered by the subscriber to location 750 and fail to find location 7503.

If you do not follow these guidelines, subscribers may encounter the following problems when addressing a message:

- A delay while Cisco Unity searches for a match
- Multiple matches for the number
- Failure to find the recipient at another location

Changing the Minimum Length of Primary Location Dial IDs

If necessary to accommodate the numbering plan for your organization, the minimum length for primary location Dial IDs can be reduced to one or two digits by changing a registry key, as described in the following [“To Change the Minimum Length of a Location Dial ID”](#) procedure. Note, however, that one- and two-digit Dial IDs may conflict with private distribution list IDs during an address search. When a subscriber addresses a message by entering a one- or two-digit number, Cisco Unity first searches for a matching private distribution list. If a match is found, the search stops. Therefore, when a subscriber addresses a message by entering a location Dial ID in order to narrow down the search scope to a particular location, if the number entered matches a private distribution list ID, the conversation offers only the private distribution list as a destination. If subscribers do not address messages to other locations by first entering a Dial ID, there is no conflict, and the minimum length for Dial IDs can be reduced to accommodate complex numbering plans.



Note

For Cisco Unity failover, registry changes on one Cisco Unity server must be made manually on the other Cisco Unity server, because registry changes are not replicated.

To Change the Minimum Length of a Location Dial ID

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- Step 1** On the Cisco Unity server desktop, double-click the **Cisco Unity Tools Depot** icon.
- Step 2** In the left pane, under Administrative Tools, double-click **Advanced Settings Tool**.
- Step 3** In the Unity Settings pane, click **Administration – Set the Minimum Extension Length for Locations**.
- Step 4** In the New Value box, enter the number, and click **Set**.
- Step 5** When prompted, click **OK**. You do not need to restart the Cisco Unity server to enable the registry change.
- Step 6** Click **Exit**.
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Use the following table to learn more about the primary location profile settings.

Table 11-1 **Network > Primary Locations > Profile Page**

Field	Considerations
Display Name	This displays the name of the primary location. To change the name, enter a new name here, and then click the Save icon.
Dial ID	<p>Enter the ID that identifies the primary location. Enter numbers only, up to a maximum of 10 digits. The default minimum length is 3 digits.</p> <p>Although the minimum length for Dial IDs can be reduced by using the Advanced Settings Tool, one- and two-digit Dial IDs may conflict with private distribution list IDs during an address search. When a subscriber addresses a message by entering a one- or two-digit number, Cisco Unity first searches for a matching private distribution list. If a match is found, the search stops. Therefore, when a subscriber addresses a message by entering a location Dial ID to narrow down the search scope to a particular location, if the number entered matches a private distribution list ID, the conversation offers only the private distribution list as a destination. If subscribers do not address messages to other locations by first entering a Dial ID, there is no conflict and the minimum length for Dial IDs can be reduced to accommodate complex dial plans.</p> <p>The following policies are recommended:</p> <ul style="list-style-type: none"> • Establish a fixed length for Dial IDs and if possible, a fixed length for extensions. • Assign unique Dial IDs. • If you use variable-length Dial IDs and extensions, the Dial IDs should be in a different numbering range than extensions. • If you use variable-length Dial IDs, the first digits of each ID should be unique with respect to other Dial IDs. (For example, do not create Dial IDs like 432 and 4325.) • Even if the Dial ID will never be used by subscribers when they address messages, enter a number that does not conflict with extensions, such as 001 or 002.

Table 11-1 **Network > Primary Locations > Profile Page (continued)**

Field	Considerations
Recorded Name	<p>Record a name for the primary location. The recorded name for the location is played in the subscriber conversation in a number of places, including when:</p> <ul style="list-style-type: none"> • Subscribers associated with a Cisco Unity server in a different dialing domain address a message to subscribers associated with this location. (For example, assuming that New York is the recorded name for this location: “There are two matches. For John Smith, at New York, press 1. For Mary Smith press 2.”) • Subscribers associated with a Cisco Unity server in a different dialing domain listen to messages from subscribers associated with this location. (For example: “Message 1, a voice message, from John Smith at New York....”) • The setting Include Locations in Searches on the Network > Primary Location > Addressing Options page is enabled on another primary location. When subscribers at the other location address a message, the recorded name for this primary location may be played in the message addressing search results along with subscriber names. (For example: “There are two matches. For Chris Newton, press 1. For New York, press 2.”) <p>To record the name here, use the Media Master control bar. (Note that the Media Master is not available across a firewall that blocks DCOM communications.) Use the Options menu in the Media Master control bar to set recording and playback devices, if applicable, and to use other sound files.</p>

Table 11-1 **Network > Primary Locations > Profile Page (continued)**

Field	Considerations
Dialing Domain	<p>Select from the list or enter the name of the dialing domain of which this location is a member. The list contains dialing domain names already configured on at least one other Cisco Unity server in the network that have replicated to the local server. Add the Cisco Unity server to a dialing domain when it is integrated with the same phone system or phone system network as other Cisco Unity servers that access the same directory.</p> <p>Note that the dialing domain name is case sensitive and must be entered exactly the same on all of the servers. To ensure that all servers are correctly added to the same dialing domain, enter the dialing domain name on one Cisco Unity server and wait for the name to replicate to the other Cisco Unity servers. By doing so, you also confirm that replication is working correctly among the servers. The time that it takes for the primary location data from other Cisco Unity servers to be reflected on the local server depends on your network configuration and replication schedule.</p> <p>A dialing domain provides a means to set the search scope for message addressing and for call transfers from the auto attendant and directory handler(s). You must add the Cisco Unity server to a dialing domain before you enable the following features:</p> <ul style="list-style-type: none"> • Cross-server log in. • Cross-server transfers from the auto attendant and directory handler(s) • Live reply (“call the sender”) to another Cisco Unity subscriber on another networked Cisco Unity server. • Live reply to a user on another voice messaging system who has a corresponding AMIS, Bridge, or VPIM subscriber account on another networked Cisco Unity server. • Identified subscriber messaging for Cisco Unity subscribers on different networked Cisco Unity servers. • Identified subscriber messaging for AMIS, Bridge, and VPIM subscribers, even when your installation consists of only one Cisco Unity server. <p>The default setting is None. Use the default when:</p> <ul style="list-style-type: none"> • Your installation consists of only one Cisco Unity server, and the server is not configured for AMIS, Bridge, or VPIM Networking. • Your installation consists of two or more Cisco Unity servers, but each server is integrated with a separate phone system. <p>There is no limit to the number of Cisco Unity servers that can be assigned to a single dialing domain, and there is no limit to the number of dialing domains. However, a Cisco Unity server can be a member of only one dialing domain.</p>
SMTP Domain Name (for SMTP and VPIM networking only)	<p>Enter the Internet-addressable SMTP domain name for the Cisco Unity server. This is the right half of an e-mail address after the @ symbol (for example, london.cisco.com). Do not enter the @ symbol; Cisco Unity automatically inserts it.</p> <p>The domain name is required for the SMTP and VPIM networking options. Both of these networking options use the Simple Mail Transfer Protocol (SMTP) for messaging between the local Cisco Unity server and the remote voice messaging system. When a subscriber on the local Cisco Unity server addresses a message to a remote user, the Voice Connector uses the SMTP Domain Name to construct a From address, which is required by SMTP. Messages that are missing the domain name in the From address will not be delivered. Additionally, a valid From address allows the remote recipient to reply to the message.</p>

Primary Location Addressing Option Settings

The primary location addressing options allow you to control the scope of the search that Cisco Unity performs when searching for a matching extension in the following cases:

- When a subscriber addresses a message by using the phone.
- When subscribers add members to private lists by using the phone or the Cisco Unity Assistant.
- When an administrator adds members to public or private distribution lists by using the Cisco Unity Administrator.
- When Cisco Unity looks up the recipient for an incoming AMIS message. Note that the search scope for incoming Bridge and VPIM messages is always global and is not controlled by the addressing settings.

You can set the scope to the local Cisco Unity server, to the dialing domain that the local Cisco Unity server is a member of, or to the entire global directory.

The addressing options also allow you to enable blind addressing searches for a matching delivery location Dial ID. You can set the blind addressing scope to those delivery locations created on the local Cisco Unity server, to delivery locations within the dialing domain, or to the entire directory.

Subscriber Addressing Options

Depending on how Cisco Unity is set up, subscribers can address messages to other subscribers by spelling the recipient name or entering a number. If desired, you can disable addressing by spelled name for all subscribers on each Cisco Unity server by unchecking the Enable Spelled Name Search in the Cisco Unity Administrator on the System > Configuration > Settings page.

If addressing by spelled name is enabled, subscribers spell the name or part of the name of the recipient by using the letters on the phone keypad. The Address Messages To Other Subscribers field in the Cisco Unity Administrator on the Subscribers > Subscriber Template > Conversation page, and on the Subscribers > Subscribers > Conversation page, allows you to set the default method of addressing. Subscribers can also set this option in the Cisco Unity Assistant. (Note that in version 3.1 and earlier, the Cisco Unity Assistant was known as the ActiveAssistant, or AA.) While addressing messages, subscribers can switch between spelling the name and entering a number by pressing # twice (##).

How Cisco Unity Searches for a Matching Name

When a subscriber addresses a message by spelling the recipient name, Cisco Unity searches for a match or partial matches among subscribers and public distribution lists. Only one search at the specified maximum scope level is performed. The scope of the search is dictated by the Subscriber Searches: Limit Searches To setting. For example, if searches are limited to the dialing domain, one search that includes both the local server and dialing domain is performed, and a list of matching names is reported back to the subscriber.

Public distribution lists, whether created on the local Cisco Unity server or not, are always considered local in scope for addressing purposes. Thus, if the scope is set to Local Server, subscribers can still address to a public distribution list created on another Cisco Unity server.

If the Include Locations in Searches setting is enabled, then primary locations from networked Cisco Unity servers and delivery locations are included in the search. If the subscriber selects a location from the list of names returned from the search, the conversation prompts the subscriber to spell the name of the recipient at that location. This allows subscribers to limit a search for a recipient to a specific location.

How Cisco Unity Searches for a Matching Number

When subscribers address a message by entering a number, the number can be:

- The ID of a private distribution list.
- The extension of a Cisco Unity subscriber or an external subscriber. (The external subscriber can be an AMIS, Bridge, Internet, or VPIM subscriber.)
- The alternate extension of a Cisco Unity subscriber or an external subscriber.
- The extension of a public distribution list.
- A location dial ID.
- A primary location dial ID from a networked Cisco Unity server and an extension of a Cisco Unity subscriber at that location.
- A delivery location dial ID and the extension of an external subscriber associated with the delivery location.
- A Bridge delivery location prefix and the remote mailbox of the recipient.
- A Bridge delivery location dial ID and the remote mailbox number of the recipient.

For example, a subscriber presses 3335678 on the phone to address a message. [Table 11-2](#) shows some of the possible matches:

Table 11-2 *Some of the Possible Matches for the Number 3335678*

Number	Possible Match
3335678	Extension 3335678
3335678	Location dial ID 333, extension 5678
3335678	Location dial ID 3335, extension 678
3335678	Bridge delivery location prefix 3, remote mailbox number 335678
3335678	Bridge delivery location prefix 33, remote mailbox number 35678
3335678	Remote mailbox length of 4: Bridge delivery location prefix 333, remote mailbox number 5678
3335678	Remote mailbox length of 5: Bridge delivery location prefix 333, remote mailbox number 35678
3335678	Bridge delivery location dial ID 333, remote mailbox number 5678

To accommodate a variety of numbering plans, Cisco Unity searches for a match in stages, as the following sections describe:

1. [Search for a Distribution List or Subscriber Extension on the Local Server, page 11-7](#)
2. [Search for a Subscriber Extension in the Dialing Domain and Then the Global Directory, page 11-8](#)
3. [Search for a Location Dial ID and Subscriber Extension at the Matching Location, page 11-8](#)
4. [Blind Addressing Search for a Bridge Delivery Location Prefix, page 11-9](#)
5. [Blind Addressing Search for a Delivery Location Dial ID, page 11-10](#)

Search for a Distribution List or Subscriber Extension on the Local Server

Cisco Unity searches for a matching number by expanding the search scope in stages, starting with the local server, then expanding to search the dialing domain, and finally searching the global directory. The scope of the search is dictated by the setting **Subscriber Searches: Limit Searches To**. If a match is found at any scope level, the search stops and does not continue to the next scope level.

If the subscriber enters a one- or two-digit number, the Cisco Unity begins the search by looking for a match among the private distribution lists owned by the subscriber. If a match is found, the search stops, and the matched list is returned for confirmation.

If a match has not been found, or if the subscriber entered three or more digits, Cisco Unity searches for a matching subscriber extension on the local server. The search includes extensions for regular Cisco Unity subscribers and external subscribers. Both primary extensions and alternate extensions are searched. If a match is found, the search stops.

When a match is found to a subscriber extension, the subscriber will hear a confirmation (the conversation will play the recorded voice name and extension of the matched subscriber) depending on whether the conversation is configured to do so, and whether the recorded voice name exists. You can customize how the conversation confirms subscriber message addressing matches by using the Advanced Settings tool in Tools Depot to change the setting for Subscriber Addressing Confirm Match Mode.

If a match has not been found, Cisco Unity searches for a matching public distribution list extension. Public distribution lists, whether created on the local Cisco Unity server or not, are always considered local in scope for addressing purposes. Thus, if the scope is set to Local Server, subscribers can still address to a distribution list created on another Cisco Unity server. If a match is found, the search stops, and the matched list is returned for confirmation.

Search for a Subscriber Extension in the Dialing Domain and Then the Global Directory

If a match has not been found on the local server, and if allowed by the search scope setting, the search expands to subscriber extensions in the dialing domain (if it exists). If a match is found, the search stops, and the name is returned for confirmation. If a match still has not been found, and if allowed by the scope setting, the search expands to subscriber extensions in the global directory. The search at each scope level includes extensions and alternate extensions for regular Cisco Unity subscribers and external subscribers.

It is possible for duplicate extensions to exist in the global directory. If the entered number matches more than one extension, a list of matching names is reported back to the subscriber from which to choose. However, if there is a match on an extension in the dialing domain, the search stops. For example, assume that Kelly has extension 3047 and is associated with a Cisco Unity server in the dialing domain. Joe also has extension 3047, but he is associated with another networked Cisco Unity server that is outside of the dialing domain. When a subscriber on the local server enters 3047 to address a message, the match is for Kelly, who is in the dialing domain. After finding a match at the dialing domain scope, the search stops and does not continue to the global directory; thus, the extension for Joe is not found. To address messages to Joe, Kelly would need to enter the primary location dial ID of the Cisco Unity that Joe is associated with followed by his extension.

Search for a Location Dial ID and Subscriber Extension at the Matching Location

If a matching distribution list, location dial ID, or subscriber extension has not been found, the search continues.

Cisco Unity parses the number to find a matching location dial ID and a subscriber extension at that location. Cisco Unity searches for a match by expanding the search scope in stages, starting with the local server, then the dialing domain, and finally the global directory. The scope of the search is dictated by the setting Subscriber Searches: Limit Searches To. If a match is found at any scope level, the search stops and does not continue to the next scope level. When a match is found, the conversation will confirm the match, if configured to do so.

Assuming that the minimum length for dial IDs is set to the default (three digits), at each scope level Cisco Unity first searches for a location dial ID that matches the first three digits entered by the subscriber. If a match is found, Cisco Unity searches subscribers associated with the location for an extension that matches the remaining digits in the entered number. Cisco Unity continues the search by looking for a location with a dial ID that matches the first four digits entered by the subscriber. If a match

is found, Cisco Unity searches subscribers associated with the location for an extension that matches the remaining digits in the number. The search for a matching location and extension continues in this manner. Note that the search is for the primary extension of the subscriber; alternate extensions are not included in the search.

For example, a subscriber addresses a message to 3335678. Cisco Unity searches for a location with the dial ID 333. If a match is found, Cisco Unity searches for a subscriber at that location who has extension 5678. Next (regardless of whether a match was found), Cisco Unity searches for a location with the dial ID 3335. If a match is found, Cisco Unity searches for a subscriber at that location who has extension 678.

At the local scope level, only the delivery locations created on the local server are included in the search. At the dialing domain level, primary locations from other networked Cisco Unity servers and delivery locations are included in the search, if they are in the dialing domain. At the global directory level, all locations are included in the search.

If a delivery location is matched, Cisco Unity searches for an external subscriber associated with the delivery location who has an extension that matches the remaining numbers. Note that extensions are searched, and not the remote mailbox numbers.

If you have changed the minimum number of digits in location dial IDs, Cisco Unity first searches for a matching dial ID according to the minimum that you set. For example, if you reduced the minimum length of a dial ID to one, Cisco Unity begins the search at each scope level by looking for a matching dial ID that matches the first digit entered by the subscriber. (Reducing the minimum dial ID length to one or two is not recommended because of the potential conflict with private distribution list IDs.)

Blind Addressing Search for a Bridge Delivery Location Prefix

If a match has not been found, Cisco Unity will continue with a blind addressing search if the setting Blind Addressing: Allowed Locations is set to something other than the default (which is None). The search starts on the local Cisco Unity server, and then expands to the dialing domain, and then to the global directory, as applicable. If a match is found at any scope level, the search stops and does not continue to the next scope level.

At each scope level Cisco Unity first searches for a Bridge delivery location prefix that matches the first digit entered by the subscriber. If a match is found, Cisco Unity searches among the Bridge subscribers associated with the location for a matching remote mailbox number. To determine the mailbox number, Cisco Unity starts at the end of the entered number, and keeps including digits until the number of digits equals the remote mailbox length defined for the location. Note that the search is for a matching remote mailbox number and not an extension. Cisco Unity continues the search by looking for a Bridge delivery location with a prefix that matches the first two digits entered by the subscriber. If a match is found, Cisco Unity searches among the Bridge subscribers associated with the location for a matching remote mailbox number. The search for a matching Bridge delivery location prefix and remote mailbox number continues in this manner and stops when the number of the remaining digits is one.

Because this is a blind addressing search, if a matching Bridge delivery prefix is found, the matched location will be returned for confirmation even if a matching Bridge subscriber is not found. For example, assume that there is a Bridge delivery location with the following settings:

Dial ID = 100
Prefix = 256
Remote Mailbox Length = 5
Recorded Name = "Paris"

A subscriber logs on to Cisco Unity and addresses a message to 2564321, where 64321 is the mailbox number of an Octel subscriber on a remote Octel node with which Cisco Unity communicates. When the search reaches the stage of looking for a Bridge delivery location prefix, Cisco Unity first searches for a Bridge delivery location with a prefix of 2, then searches for the prefix 25, and then searches for the

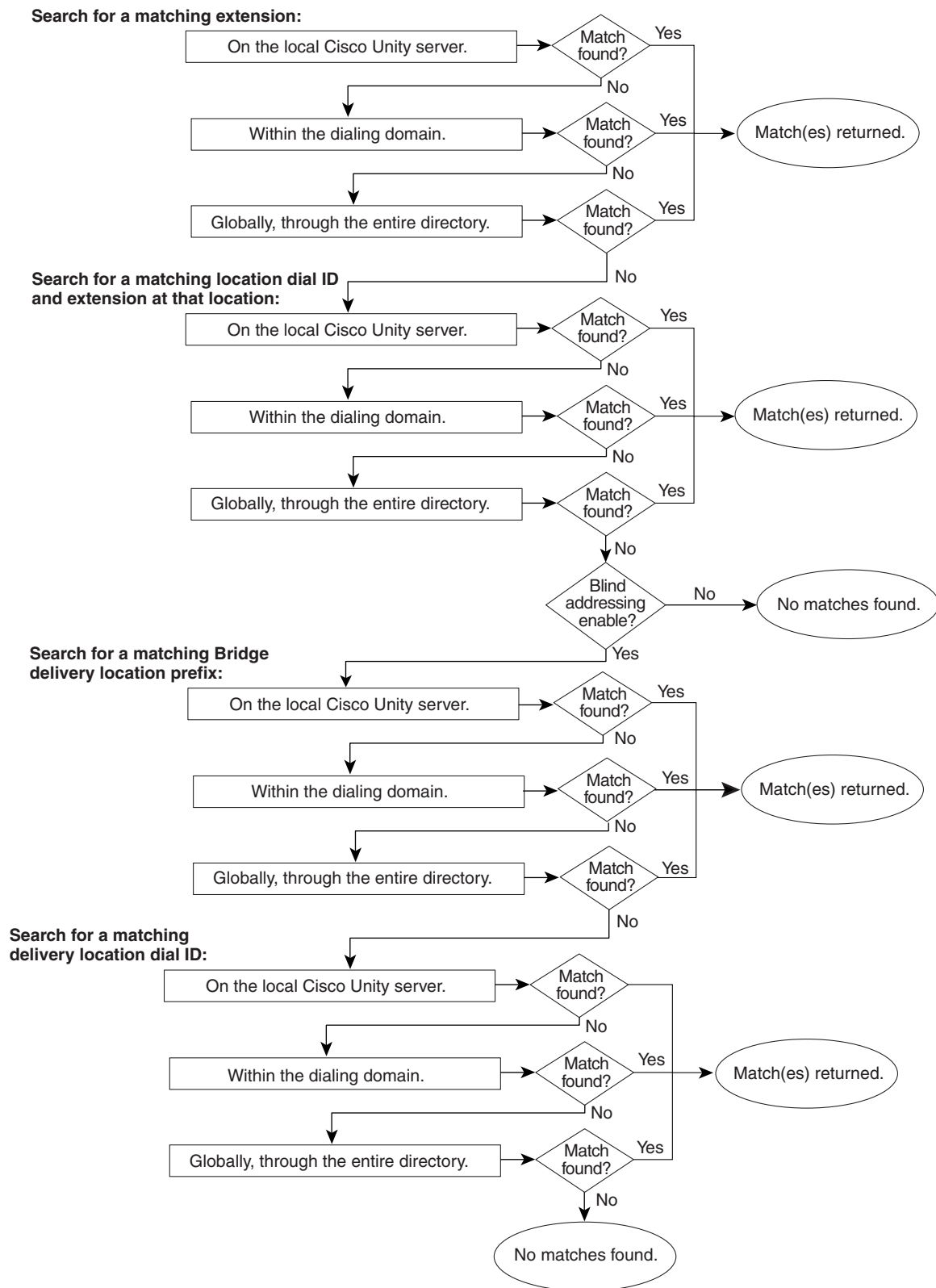
prefix 256. Because the subscriber entered a prefix, Cisco Unity uses the remote mailbox length to determine the remote mailbox number from the entered number: 2563452. In this example, the last digit in the prefix overlaps with the first digit of the mailbox number. Assume that the search does not find a Bridge subscriber with a remote mailbox of 64321. The matched delivery location is returned for confirmation, and the conversation plays “For extension 64321 at Paris, press #.” If the sending subscriber confirms the match, Cisco Unity addresses the message and sends it on its way to the Octel subscriber.

Blind Addressing Search for a Delivery Location Dial ID

If a match has not been found, Cisco Unity continues with the blind addressing search. The number is parsed to find a matching delivery location dial ID. The scope of the blind addressing search is determined by the setting Blind Addressing: Allowed Locations. The search starts on the local Cisco Unity server, and then expands to the dialing domain, and then to the global directory, as applicable.

Assuming that the minimum length for dial IDs is set to the default (three digits), at each scope level Cisco Unity first searches for a delivery location dial ID that matches the first three digits entered by the subscriber. Cisco Unity continues the search by looking for a delivery location with a dial ID that matches the first four digits entered by the subscriber. The search for a matching location continues in this manner. If the match is on a delivery location, the matched location is returned, along with the remaining digits entered as the mailbox for confirmation. If the match is on a Bridge delivery location, Cisco Unity searches among the Bridge subscribers associated with the location for a remote mailbox number that matches the remaining digits in the entered number. Note that because the match is on a location dial ID, the mailbox length is not used to construct the remote mailbox number; the remote mailbox number is presumed to be the remaining digits in the entered number. Because this is a blind addressing search, if a matching Bridge delivery dial ID is found, the matched location will be returned for confirmation.

[Figure 11-1](#) illustrates the search that Cisco Unity performs when both the subscriber search and the blind addressing search (if enabled) are set to the global directory.

Figure 11-1 *Subscriber Addressing Search for a Matching Number*

Location Addressing Options Settings

When considering the address search scope settings for Cisco Unity servers in the network, keep in mind that Bridge Networking is based on a bridgehead topology. To ensure that Cisco Unity subscribers on any Cisco Unity server can address network messages to Octel subscribers, the address search scope on each server must encompass the bridgehead server because that is the server on which Bridge delivery locations and Bridge subscribers are created. Typically, you should set the address search scopes on all Cisco Unity servers to global scope. In circumstances where all Cisco Unity servers are configured to be in the same dialing domain, you can set the address search scope on all servers to the dialing domain, which in effect is the same as setting it to a global scope.

Use the following table to learn more about location addressing option settings.

Table 11-3 **Network > Locations > Addressing Options Page**

Field	Considerations
Subscriber Searches: Limit Searches To	<p>Select the scope of the search that Cisco Unity performs when a subscriber addresses a message by using the phone, when members are being added to a public or private distribution list, and for incoming AMIS messages.</p> <ul style="list-style-type: none"> Local Server—Limits the search to subscribers created on the local Cisco Unity server. Dialing Domain—If a match is not found while searching the local Cisco Unity server, the search expands to include subscribers created on other Cisco Unity servers that are in the same dialing domain as the local Cisco Unity server. Global Directory—After searching the local Cisco Unity server and then the dialing domain (if there is one), the search expands to include every subscriber created on other Cisco Unity servers in the directory.

Table 11-3 **Network > Locations > Addressing Options Page (continued)**

Field	Considerations
Include Locations in Searches	<p>Check this check box to have locations included in searches. This option is useful when the global directory is large and addressing a message by spelling the name results in many matches. For this setting to be helpful to subscribers, locations need to have recorded voice names.</p> <p>When checked, this setting allows subscribers to address a message in two steps. First subscribers select a particular location (by spelling the name or by entering the Dial ID). If Cisco Unity finds a matching location, the recorded voice name for the location is played (assuming one has been recorded). At this point, subscribers can spell the name of the recipient to limit the search to the specified location. Note that if the subscriber selected the location by entering the Dial ID, the subscriber needs to switch to spelling mode (by pressing # twice) to search for the subscriber.</p> <p>For example, assume there are two Cisco Unity servers configured for Digital Networking. Assume 100 is the Dial ID of the primary location for the Paris Cisco Unity server, and that a voice name (“the Paris sales office”) for the location has been recorded. John, a subscriber on the local Cisco Unity server, wants to send a message to Kelly Bader at the Paris location, but he does not know the correct extension.</p> <ul style="list-style-type: none"> • John logs on to Cisco Unity and presses 2 to send a message. • John enters 100# to select the Paris Cisco Unity server. • When the primary location 100 is found, the conversation plays, “For the Paris sales office, press #.” • John presses # to confirm; the conversation plays, “Enter the extension followed by #.” • John presses ##; the conversation plays, “Spell the name of a person or distribution list.” • John enters 22337#. Cisco Unity searches for a matching subscriber name at location 100, and matches on Kelly Bader. The conversation plays, “For Kelly Bader at extension 3047, press #.” • John presses # to confirm; the conversation plays, “Added. To add another name, press 1. To record the message, press #.”
Blind Addressing: Allowed Locations	<p>Select the scope of the blind addressing search for a matching delivery location that Cisco Unity performs when a subscriber addresses a message by using the phone. Select one of the following:</p> <ul style="list-style-type: none"> • None—Do not allow blind addressing searches. • Local Server—Limits the search to delivery locations that were created on your Cisco Unity server. • Dialing Domain—If a match is not found while searching the local Cisco Unity server, the blind addressing search expands to include those delivery locations created on other Cisco Unity servers that are in the same dialing domain as the local Cisco Unity server. • Global Directory—After searching the local Cisco Unity server and then the dialing domain (if there is one), the search expands to include every delivery location created on other Cisco Unity servers in the global directory.

