



Dolby Voice Room Version 4.1

Configuration Guide for RingCentral

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Notices

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1

Introduction

Deploying the Dolby Voice Room with RingCentral is a multi-step process. This guide provides an overview of the process.

- [About this guide](#)
- [New in this version](#)
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- [Documentation feedback](#)

1.1 About this guide

This document provides instructions for configuring Dolby Voice Room to work with the RingCentral platform.

Before you begin deployment, make sure that you have copies of the related documentation. You may need to refer to other documents for more information and specific instructions.

1.2 New in this version

Dolby Voice Room software (version 4.1) does not include any updates to this document.

1.3 Related documentation

The documentation for the Dolby Voice product family consists of software development kit documentation, release notes, and guides. Several of these guides are especially useful for users of the Dolby Voice Room.

The *Dolby Voice Room Administrator's Guide* describes how to install and administer the Dolby Voice Room.

The *Dolby Voice Room Quick Start Guide* describes how to use the basic and advanced phone features, and how to customize the phone.

The *Dolby Voice Room Third-Party Software Guide* describes third-party open-source software that is incorporated into the Dolby Voice Room software.

The *Dolby Conferencing Console Operations and Management Guide* describes how to install the Dolby Conferencing Console software and use it to administer Dolby Voice Room systems.

1.4 Documentation feedback

If you have comments or feedback about this documentation, send us an email at dolbyvoicedocs@dolby.com.

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Configuration procedures

After you configure the Dolby Voice Room network settings and options, you can activate the phone with RingCentral.

- [Accessing the Dolby Voice Room web interface](#)
- [Setting RingCentral configuration parameters](#)
- [Setting the system display name](#)


2.1 Accessing the Dolby Voice Room web interface

Use the web interface to view and change Dolby Voice Room settings.

About this task

You can access the Dolby Voice Room web interface using any of these web browsers:

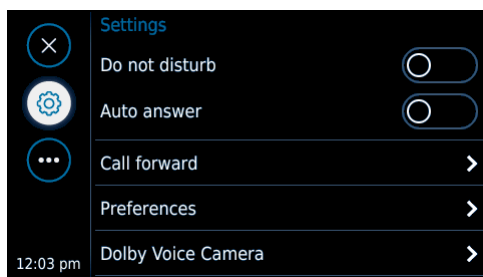
- Microsoft Internet Explorer 10.0.x or later on Windows-based computers (backward compatibility not supported)
- Google Chrome 31.0.x or later
- Apple Safari 7.0.2.x

 **Note:** The Dolby Voice Room web interface has been optimized for modern browsers. The best experience is obtained using one of the supported browsers. Versions 8 and 9 of Internet Explorer work in a degraded fashion; support for these browsers is deprecated and will be removed in a future release.

By default, access to the web interface is enabled. You can disable access only through the configuration files by changing `Network.Services.WebServerMode`.

Procedure

1. Determine the system IP address:
 - a) Access the Dolby Voice Room **Settings** screen.




Ask your conferencing service provider for instructions.

- b) Tap this sequence:




The IP address displays.

2. Open one of the supported web browsers.
3. Enter `http://your-system-IP-address` in the browser address bar. The log-in page displays.

 **Note:** If the browser displays a certificate-related error message, such as **Site is not secure** or **Your connection is not private**, then take the required steps to bypass the error page and proceed to the log-in page.

4. Log in as the administrator. (Default credentials are `admin` and `1739`.) The web interface main page displays. Expand the headings and hover the mouse over a parameter name to see a parameter description, along with the name of the corresponding configuration parameter.

 **Note:** We recommend that you change the default administrative password.


2.2 Setting RingCentral configuration parameters

The system does not connect to RingCentral by default. You must configure the phone to automatically connect to RingCentral.

Using the Dolby Voice Room web interface, navigate to **Settings > IP PBX Settings**.

Table 1: Dolby Voice Room IP PBX configuration mapping for RingCentral

Dolby Voice Room IP PBX setting	RingCentral setting
Account > Extension Number/Address	User Name
Server > SIP Domain Name	SIP Domain (server)
Server > Primary Call Server/Outbound Proxy	Outbound Proxy (server)
Server > Primary Call Server/Outbound Proxy Port	Outbound Proxy (port)
Credential > User Credential Name	Authorization ID
Credential > User Credential Password	Password

 **Note:** The RingCentral SIP Domain and Outbound Proxy values consist of the respective server and port separated by a colon. For example, SIP Domain: *<SIP Domain (server)>:<SIP Domain (port)>* and Outbound Proxy: *<Outbound Proxy (server)>:<Outbound Proxy (port)>*.

IP PBX Settings

Account

Display Name	<input type="text"/>
Extension Number/Address	<input type="text" value="3101"/>
Display Number	<input type="text"/>
Transport Type	<input type="text" value="AUTO"/>
Secure Media	<input type="text" value="Mandatory"/>
Local Listen Port	<input type="text" value="5060"/> <input type="range" value="5060"/>

Server

SIP Domain Name	<input type="text"/>
Primary Call Server/Outbound Proxy	<input type="text"/>
Primary Server/Outbound Proxy Port	<input type="text" value="5060"/> <input type="range" value="5060"/>
Secondary Call Server/Outbound Proxy	<input type="text"/>
Secondary Server/Outbound Proxy Port	<input type="text" value="5060"/> <input type="range" value="5060"/>
SIP URI Scheme	<input checked="" type="checkbox"/> On
Only Accept Call Server SIP Events	<input checked="" type="checkbox"/> On
Call Failover Mode	<input type="text" value="Active Server"/>
SIP Registration Timeout/Failover Timeout (seconds)	<input type="text" value="32"/> <input type="range" value="32"/>
Call Failover Timeout (seconds)	<input type="text" value="4"/> <input type="range" value="4"/>
PBX Codec List	<input type="text" value="G711A,G729A,G729"/>
In-Band DTMF	<input type="checkbox"/> Off
Enable SIP URI Dialing	<input checked="" type="checkbox"/> On
URI Dialing Proxy server	<input type="text"/>
Enable TLS Entire Domain Match	<input checked="" type="checkbox"/> On

Credential

User Credential Name	<input type="text"/>
User Credential Password	<input type="text"/>
Server Realm	<input type="text"/>

2.3 Setting the system display name

The display name on the system will appear in the conference roster when the system joins conference calls, so this should be configured to a meaningful name.

Procedure

Use one of these procedures to set the display name of the system:

- From the Dolby Conferencing Console software:
 - a) From Dolby Conferencing Console, select a device, and then click the **Edit device configuration** button.



- b) From **IP PBX > Account**, drag **Display name** to the device configuration.
 - c) In the `Sip.Account.DisplayName` field, type a device name.
- From the phone web interface:
 - a) Click the **+** to open the **IP PBX Settings > Account** section.
 - b) In the **Display Name** field, enter the device name.

The screenshot shows the 'IP PBX Settings' web interface. The 'Account' section is expanded, displaying several configuration fields:

Account	
Display Name	<input type="text"/>
Extension Number/Address	<input type="text"/>
Display Number	<input type="text"/>
Transport Type	AUTO <input type="checkbox"/>
Secure Media	Mandatory <input type="checkbox"/>
Transport Port	5060 <input type="range"/>

Glossary

HTTP

Hypertext Transfer Protocol. An application protocol for hypermedia information systems, and the foundation for data communication for the World Wide Web.

HTTPS

Hypertext Transfer Protocol Secure. An application protocol for secure communication over a network and the Internet that provides authentication of websites and keeps user information private.

IP

Internet Protocol.

IP address

Internet Protocol address. A numerical identifier assigned to a device that is a member of a network that uses the IP for communication.

PBX

Private branch exchange. A phone system that is delivered as a hosted service.

PoE

Power over Ethernet. A solution in which an electrical current is run to networking hardware over Ethernet category 5 or higher data cabling.

RTP

Real-time Transport Protocol. An IP network audio and video protocol.

SIP

Session Initiation Protocol. An application-layer communications protocol used for signaling and controlling communications sessions.

TCP/IP

Transmission Control Protocol/Internet Protocol. Communications protocols that specify how data should be formatted, addressed, transmitted, routed, and received at the destination. Part of the Internet protocols communications suite.

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