

Crestron Control + Amazon® Alexa™ Voice Recognition for Business



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Crestron + Alexa

Crestron and Amazon® Alexa™ Voice Recognition make it easy to start meetings and control devices in the conference room. Now with Alexa for Business, you can use your voice. Simply say, "Alexa, start my meeting."

- Launch a web conference or presentation.
- Build custom voice skills using the Alexa Skills Kit and the Alexa for Business APIs. You can learn more in Amazon's help section: <https://www.amazon.com/gp/help/customer/display.html?nodeId=202207210>
- Manage Alexa enabled devices via Amazon Web Services (AWS).
- Leverage shared Alexa devices across multiple meeting spaces.

Commands for Alexa:

"Alexa, turn on the lights."

"Alexa, set the temperature to cool."

"Alexa, ask Crestron to lower the shades."

"Alexa, start my meeting."

"Alexa, end my meeting."

"Alexa, turn off the lights."

How do I get started?

Connect Crestron products with Amazon Echo and Alexa via the [Amazon Web Services \(AWS\) Console](https://aws.amazon.com/console/).

- Log into the Amazon Web Services (AWS) Console: <https://aws.amazon.com/console/>
- Select **Alexa for Business** to:
 - Connect devices.
 - Enable skills.
 - Create skill groups.
 - Create room profiles.
 - Create rooms.
 - Create conferencing profiles.

The screenshot displays the AWS Alexa for Business dashboard. At the top, the AWS logo and navigation menu are visible. The main content area is titled 'Dashboard' and features four key metrics: 'Rooms created' (orange), 'Shared devices' (green), 'Users invited' (blue), and 'Skills enabled' (grey). Below this is a 'Getting Started' section with the text: 'Use Alexa to make your workplace smarter. Check out some of the features you can enable with Alexa for Business.' Three video thumbnails are provided: 'Getting started with shared devices' by Sadie Mackay, 'Creating rooms for shared devices' by Kevin Crews, and 'Enabling public and private skills' by Eric Chenmou. Each video is part of the 'ALEXA FOR BUSINESS' series.

How do I Connect Alexa enabled Devices?

- Access the Alexa for Business console from the AWS Dashboard.
- Select the Alexa enabled shared devices for use with Alexa for Business.
- Register the Alexa enabled devices to connect to your Wi-Fi® network using the Device Setup Tool.
- Configure room and conferencing profiles, and skill groups.

The screenshot shows the AWS Alexa for Business console. The left sidebar contains navigation options: Rooms, Shared devices (selected), Users, Skills, Configuration, Room profiles, Skill groups, Settings, Conferencing, Calendars, and User invitations. The main content area is titled 'Shared devices' and includes a 'Set up devices' button, an 'Add to room' button, and an 'Actions' dropdown. Below this is a table with columns for Serial number, Type, Device name, Room, and Status. A 'Device Setup Tool' window is overlaid on the console, displaying the 'Select Alexa-enabled devices' screen. This screen includes a search bar, a 'Discover devices' button, and a list of devices. One device, 'Amazon-ODL', is selected and its status is 'Registering with Alexa for Business'. A 'Setting up' dialog box is also visible, indicating that connecting devices will take about a minute per device, with 'Continue' and 'Cancel' buttons.

Shared devices

Alexa for Business helps you setup and manage shared Alexa devices. Use the Device Setup Tool to provision shared devices for your Alexa for Business organization. You can view all the devices associated with your organization and assign them to rooms. [Learn more](#)

Set up devices Add to room Actions

Filter by device attributes

Serial number	Type	Device name	Room	Status

Device Setup Tool

Select Alexa-enabled devices

Select the Alexa-enabled devices to connect to your device is not in the list, verify that it is in the setup m (orange) and click Discover devices.

Search devices

Devices

Amazon-6PD

Setting up

Connecting the selected devices to your Wi-Fi network and registering them with Alexa for Business will take about a minute per device.

Continue Cancel

Device	Status
Amazon-ODL	Registering with Alexa for Business

Enable Skills

- Enable the Crestron for Smart Home and Conference Room skill from the Alexa for Business console.
- Link your Alexa for Business account with Crestron's master account.

The screenshot shows the AWS Alexa for Business console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information for 'Chris' in 'N. Virginia'. The left sidebar lists navigation options: 'Alexa for Business', 'Rooms', 'Shared devices', 'Users', 'Skills', 'Configuration', 'Room profiles', 'Skill groups', 'Settings', and 'Conferencing'. The main content area is titled 'Skills' and contains the text 'Enhance the capabilities of your Alexa devices with skills.' Below this are tabs for 'Enabled skills', 'Alexa skills store', and 'Private skills'. A search bar is present with the text 'Filter By: None' and a search input containing 'crestron'. Below the search bar is a table with columns for 'Skill name', 'Developer', and 'Status'. One skill is listed: 'Crestron for Smart Home and Conference Room' by 'Crestron Electronics, Inc.', with an 'Enable' button. A modal dialog titled 'Confirm Account Linking' is overlaid on the page, containing the text: 'This skill requires account linking in order to work with Alexa devices. You'll need to login with your account that is associated with this skill provider.' Below this text is the Crestron logo and the text: 'Crestron for Smart Home and Conference Room Use Alexa to control your Crestron home automation system or your Crestron powered conference rooms.' At the bottom of the modal are 'Close' and 'Link Account' buttons.

Create Skill Groups

- Select **Skill groups** from the Alexa for Business console.
- Click the **Create skill group** button and enter information for the new skill group.
- Return to Skills on the Alexa for Business console and open the Enabled skills tab.
- Select the checkbox next to the Crestron for Smart Home and Conference Room skill, and click **Add**.
The skill is added to all Alexa enabled devices associated with the skill group.

The screenshot displays the AWS Alexa for Business console interface. The top navigation bar shows 'aws', 'Services', and 'Resource Groups'. The left sidebar lists navigation options: 'Alexa for Business', 'Rooms', 'Shared devices', 'Users', 'Skills', 'Configuration', 'Room profiles', 'Skill groups', 'Settings', 'Conferencing', 'Calendars', and 'User invitations'. The main content area is titled 'Skill groups' and includes a 'Create skill group' button and a 'Delete skill group' button. Below these buttons is a table with columns for 'Name' and 'Description'. A modal dialog titled 'Create skill group' is open, prompting the user to enter a name and description. The 'Name' field contains 'e.g. Video conference rooms' and the 'Description' field contains 'e.g. Smart conferencing skills for video conference rooms'. At the bottom of the modal are 'Cancel' and 'Create' buttons. To the right, the 'Add skill(s) to skill group' section is visible, showing a table of skills with checkboxes and a description for 'Crestron for Smart Home and Conference...'. The bottom of the console shows 'Cancel' and 'Add' buttons.

Create Room Profiles

- Select **Room profiles** to create a Room profile from the Alexa for Business console.
- Create room profiles for every location and feature set by entering the appropriate information.

The screenshot shows the 'Create room profile' page in the AWS Alexa for Business console. The page is divided into several sections for configuration:

- Profile name***: A text input field containing 'A unique profile name'.
- Address***: A text input field containing '123 Sample Street, Seattle, WA 98101'.
- Time zone***: A dropdown menu set to 'America/Los_Angeles'.
- Device settings**: A section with several options:
 - Wake word**: A dropdown menu set to 'Alexa'.
 - Temperature units**: Radio buttons for 'US (Fahrenheit)' (selected) and 'Metric (Celsius)'.
 - Distance units**: Radio buttons for 'US (Feet, inches)' (selected) and 'Metric (Meters)'.
 - Maximum volume**: A dropdown menu set to '10'.
 - Device setup mode**: Radio buttons for 'On' (selected) and 'Off'.
- Outbound calling**: Radio buttons for 'Enabled' (selected) and 'Disabled'.

At the bottom right, there are 'Cancel' and 'Create' buttons. A note at the bottom left states '* Required information'.

Create Rooms

- Select **Rooms** from the Alexa for Business console.
- Click **Create room** to enter Room details, add Echo devices, add skill groups, and configure room identifiers.

The screenshot shows the 'Create room' page in the AWS Alexa for Business console. The page is titled 'Create room' and has three steps: 'Step 1: Room details', 'Step 2: Add Echo devices', and 'Step 3: Add skill groups'. The current step is 'Step 1: Room details'. The main content area is titled 'Room details' and contains a text input for 'Room name*' with the placeholder 'e.g. Conference room' and a dropdown menu for 'Room profile*' with the selected option 'Chris's Profile (default)'. There is a 'View room profile' link next to the dropdown. Below the form is a '* Required information' section with 'Cancel' and 'Next' buttons.

The screenshot shows the 'Create room' page in the AWS Alexa for Business console, specifically the 'Add Echo devices (optional)' step. The page is titled 'Create room' and has three steps: 'Step 1: Room details', 'Step 2: Add Echo devices', and 'Step 3: Add skill groups'. The current step is 'Step 2: Add Echo devices'. The main content area is titled 'Add Echo devices (optional)' and contains a table of devices. The table has columns for 'Serial number', 'Type', and 'Device name'. There is one device listed with serial number '90F00718630400DL' and type 'Echo'. There are 'Cancel', 'Previous', and 'Next' buttons at the bottom right.

Serial number	Type	Device name
90F00718630400DL	Echo	

Set Up Conferencing Profiles

- Select **Conferencing** from the Alexa for Business console.
- Add a provider and edit meeting settings.
- Configure and edit dial-in settings.

The screenshot shows the AWS Alexa for Business console interface for adding a conferencing provider. The page is titled "Add provider" and is part of the "Conference" section. The left sidebar shows the navigation menu with "Conferencing" selected. The main content area is divided into three sections: "Add provider", "Meeting settings", and "PSTN dial-in settings".

Add provider
Enter a conferencing provider.

Provider* Custom conferencing provider

Provider name* Provider name

Meeting settings
When you start an Instant meeting, Alexa for Business requires a meeting ID. You can also require a meeting PIN. [Learn more](#)

Meeting ID Required

Meeting PIN* Optional
 Required
 Not required

PSTN dial-in settings
Specify the telephone number and the dialing sequence to join your meetings. Alexa for Business uses the dialing sequence to join the audio conference in the background when using your Alexa device. [Learn more](#)

Phone number Phone number

Meeting ID delay Delay in seconds

Meeting PIN delay Delay in seconds

SIP/H323 dial-in settings
The SIP/H323 dial-in settings are used to join meetings using your existing video conferencing equipment. [Learn more](#)

SIP/H323 dial-in* Protocol / IP address

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