



Back to the Basics: Media Resources

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Our Agenda

- ✓ Media Resources
- ✓ Media Resource Groups (MRG)
- ✓ Media Resource Group Lists (MRGL)
- ✓ Other Considerations
- ✓ Closing & Wrap Up
Your Questions and Feedback



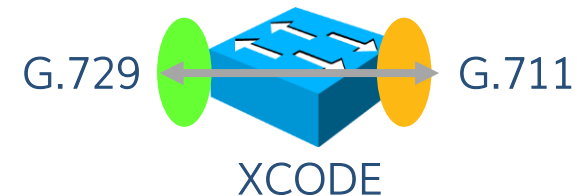
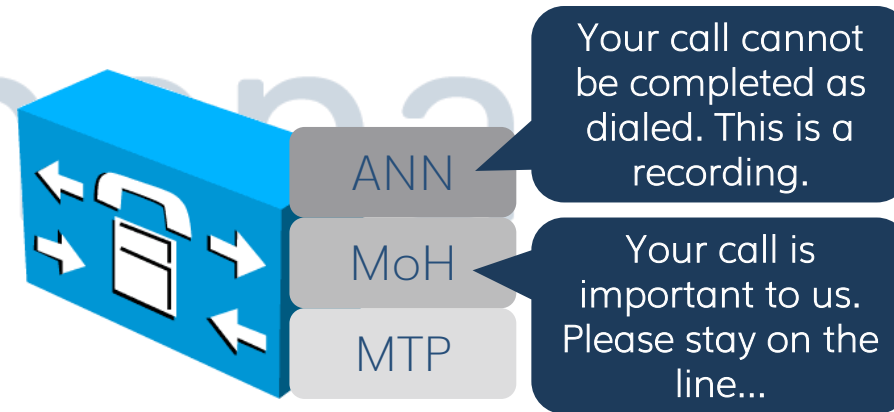
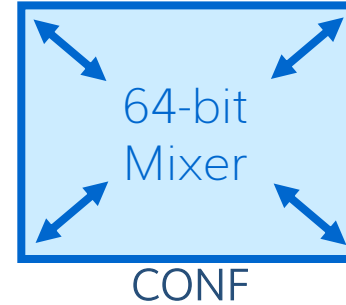


Media Resources

Media Resource Types

Media resources provide:

- Conference Bridge (CONF)
- Music on Hold (MOH)
- Annunciator
- Transcoders (XCODE)
- Media Termination Points (MTP)



Hardware and Software

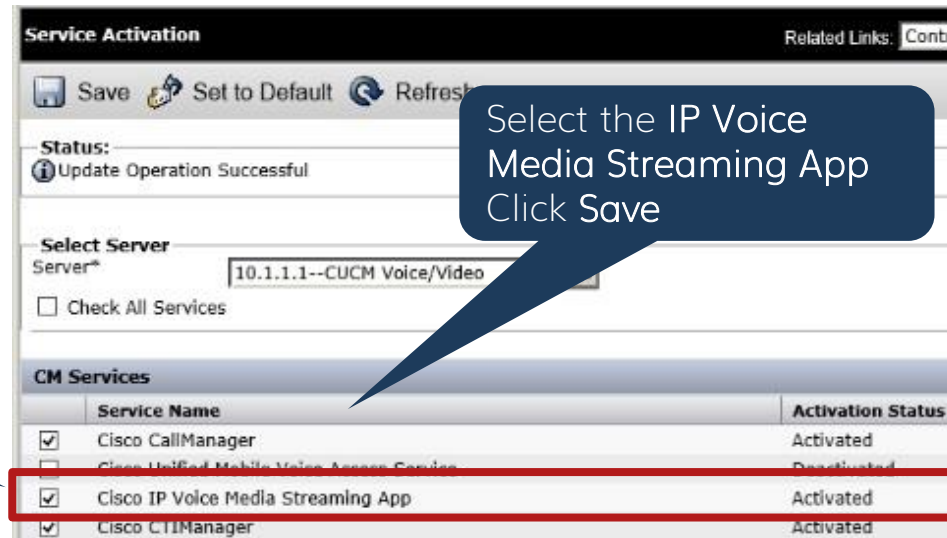


Cisco IP Voice Media Streaming App provides:

- Software Conference Bridge
- Software Media Termination Points (MTP)
- Music on Hold (MoH)
- Annunciator

Media Resources are configured from the Media Resources selection on the toolbar

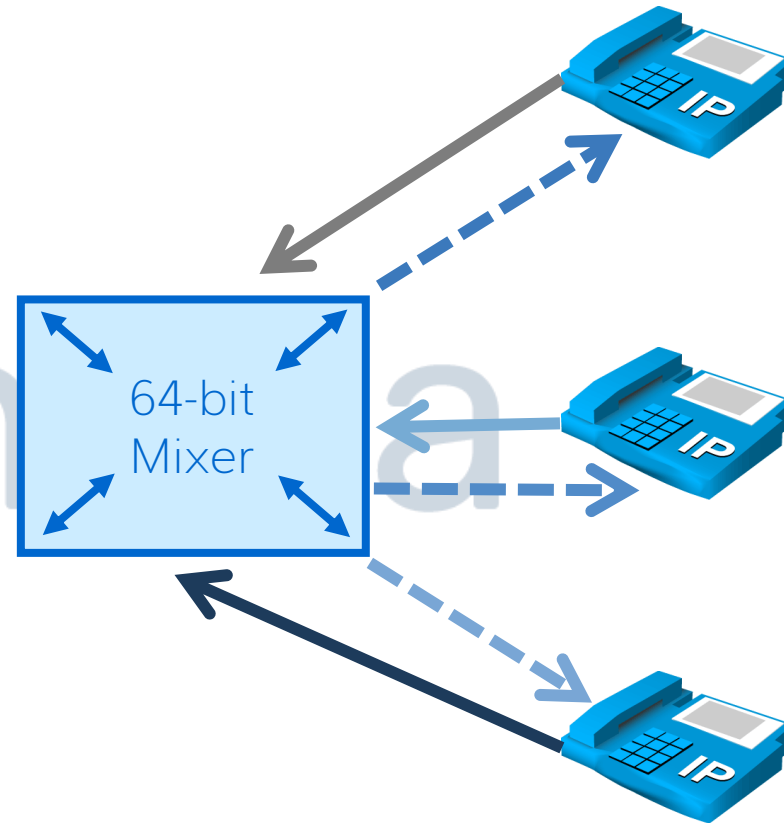
The Cisco IP Voice Media Streaming App must be enabled from the Cisco Unified Serviceability web pages



Conference Types

Three Types:

- **Ad hoc conference (Instant)** - a conference controller adds participants to a conference
- **Meet-Me conference (Rendezvous)** - the conference controller creates the conference and provides a pre-configured directory number for participants to join the conference
- **Conference Now** – New in v11.x, the Conference Now feature allows both external and internal callers to join a conference by dialing a Conference Now IVR Directory Number, which is a centralized conference assistant number. An IVR application guides the caller to join the conference by playing announcements.



Music on Hold

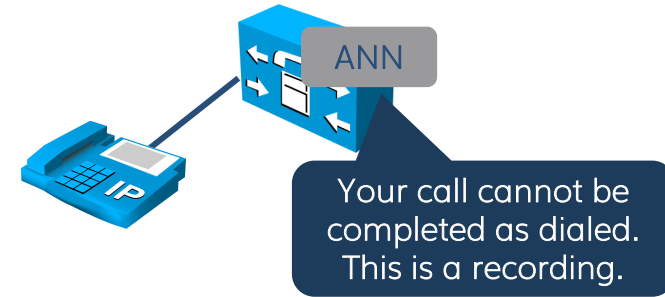
Steps to configuring Music on Hold:

- Configure Music on Hold Service on one or more servers
- Enable multicast if desired (optional)
- Add and configure audio source .wav files
- Assign audio source IDs to source files
- Configure service wide parameters

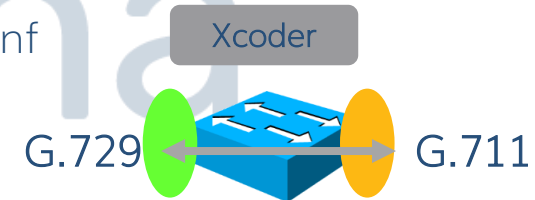
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Other Media Resources

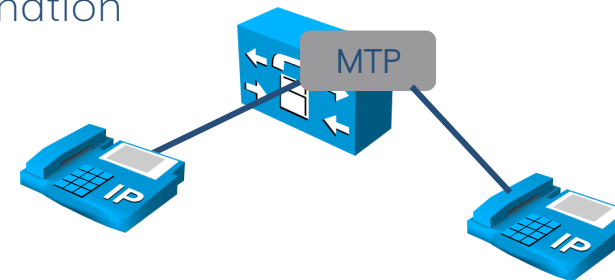
1. The Annunciator plays pre-recorded .wav files
 - Alerts callers as to why the call failed
 - Replaces reorder tone with customizable recording



2. The Transcoder provides a conversion between codecs
 - Required where applications do not support a codec (conf brg)
 - Only available in hardware



3. The Media Termination Point (MTP) provides termination point:
 - Relay calls for different call types (as needed)





Media Resource Groups

Media Resource Management

Media Resource Group Lists (MRGLs) are a prioritized list of Media Resource Groups (MRGs)

- Assigned to Devices/Device Pools

All_mrgl:

- Hardware_mrg
- Software_mrg
- MoH_mrg

Media Resource Groups (MRGs) “round-robin” share resources except conference resources:

- Uses conference bridge that is least used
- Intelligent Conference Bridge -- Uses conference bridge with video capacity if two more ad-hoc conference participants have video capability.
- Assign resources to MRG to allocate resources based on function, location or availability

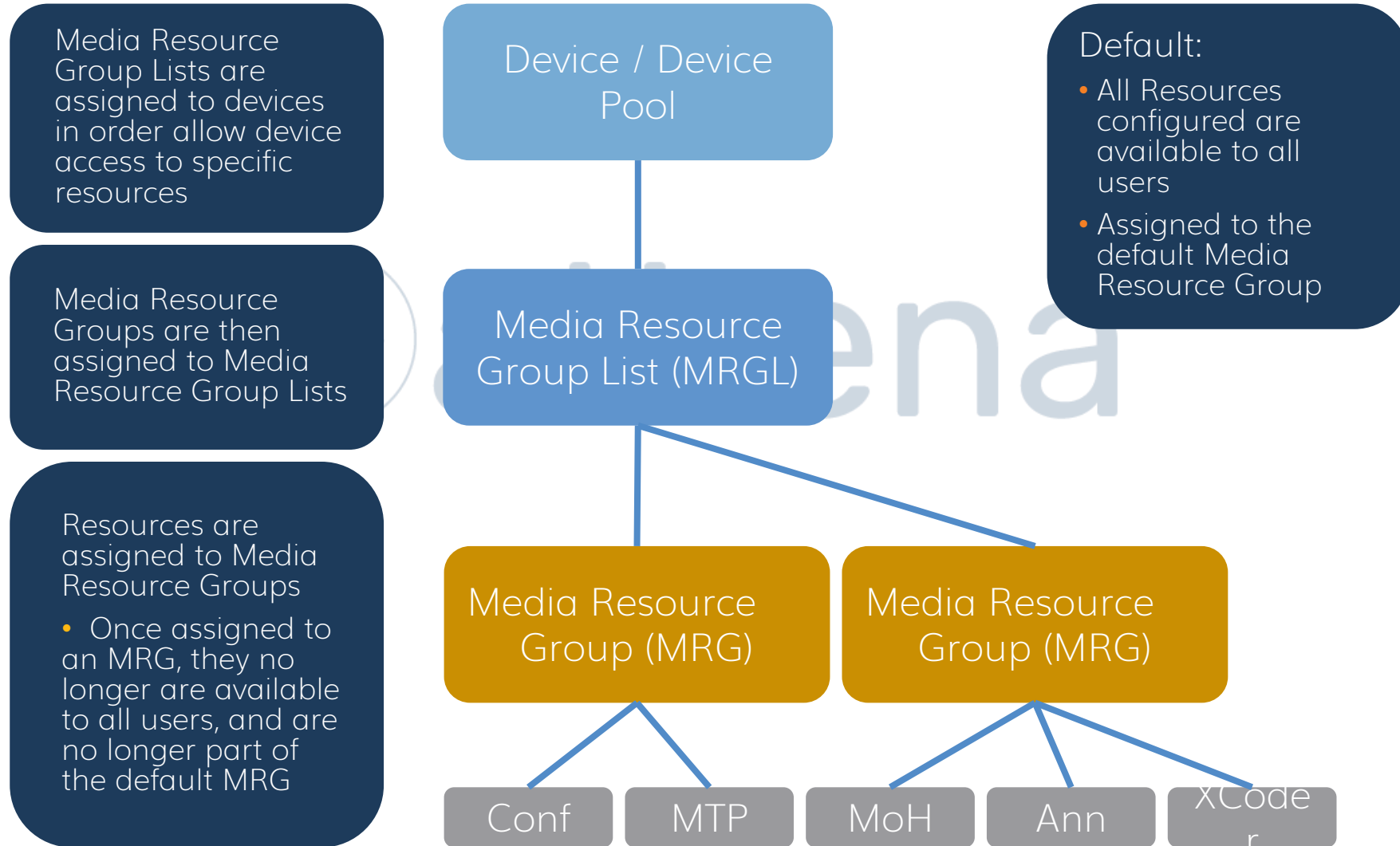
Hardware_mrg:

- HW Conf 1
- HW Conf 2
- HW Conf 3
- XCoder1
- XCoder2
- XCoder3

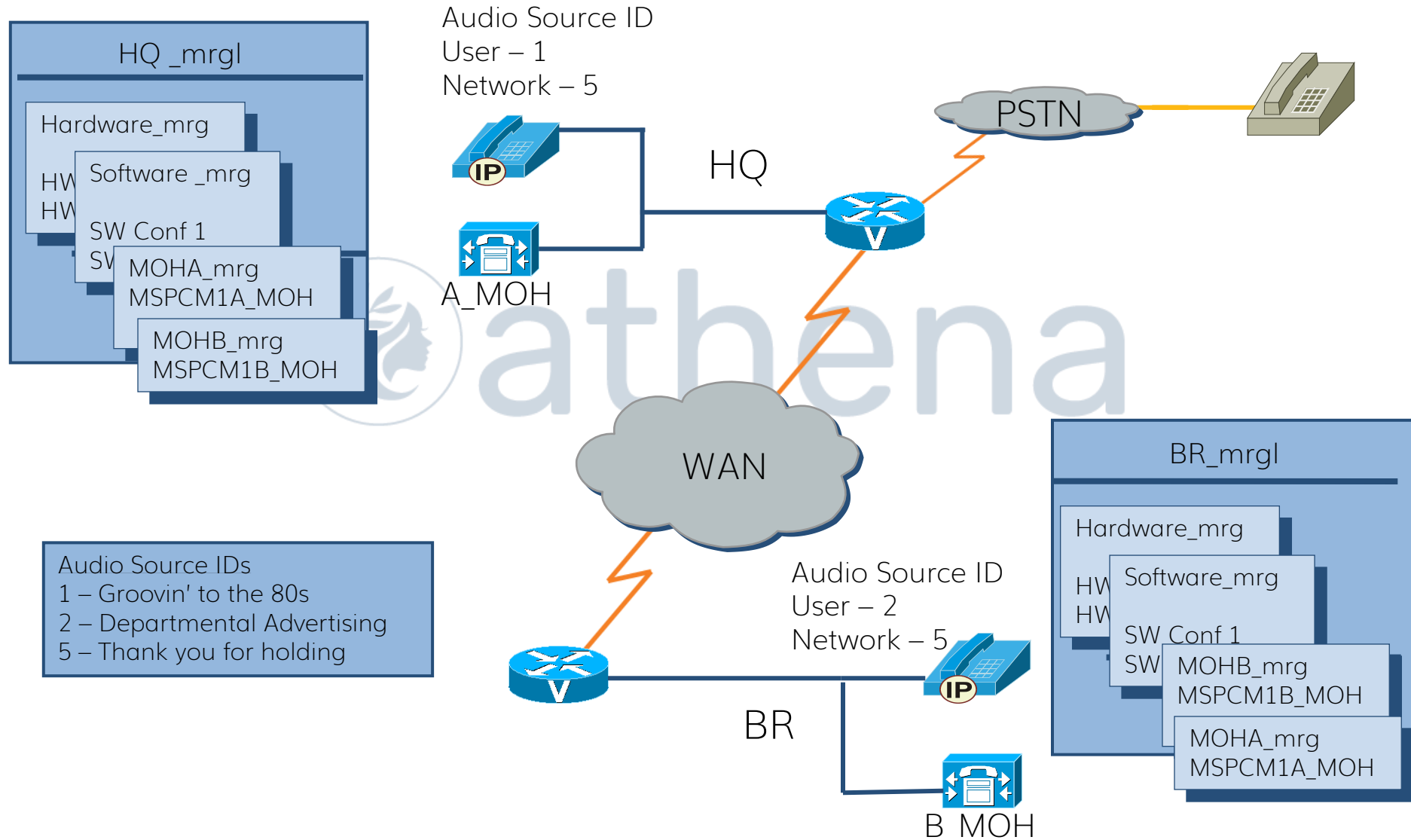


Media Resource Group Lists

Media Resource Management



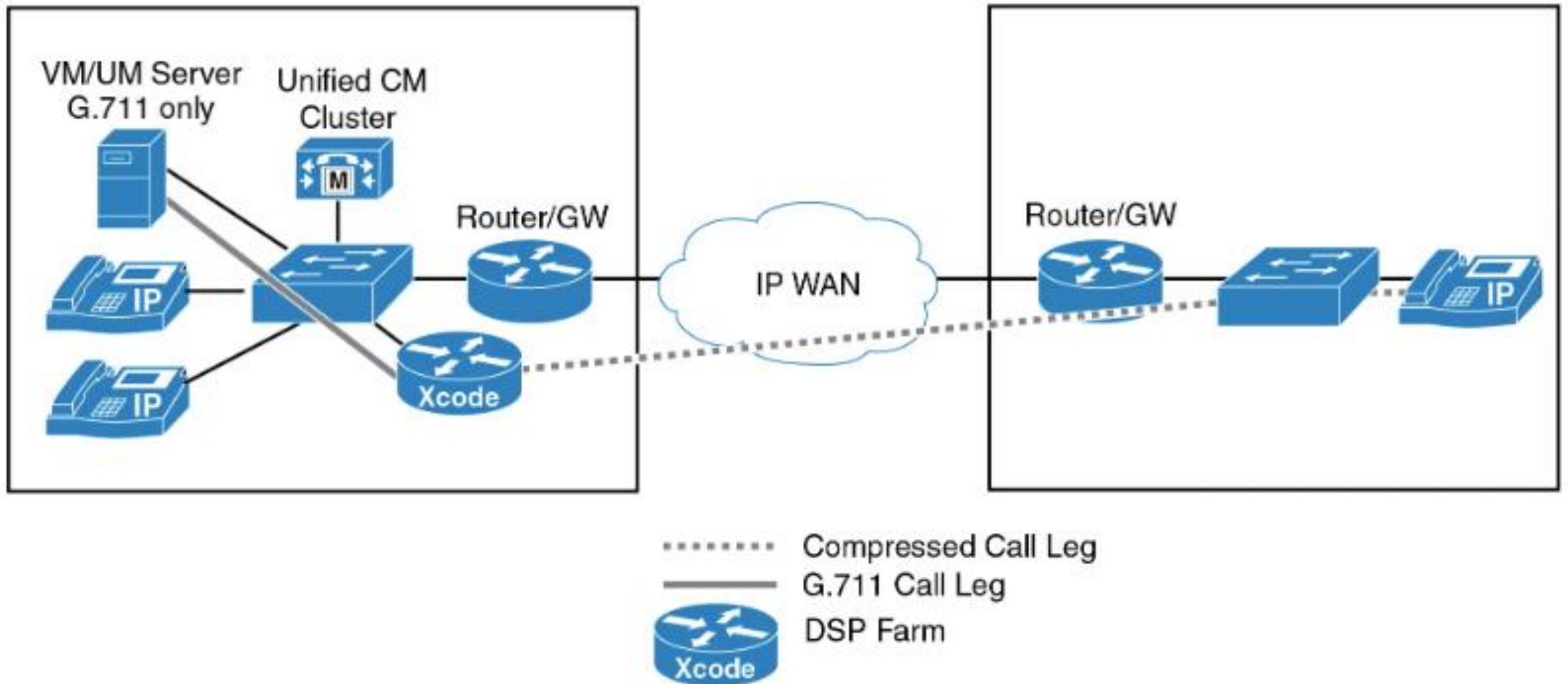
Summarizing Media Resource Management



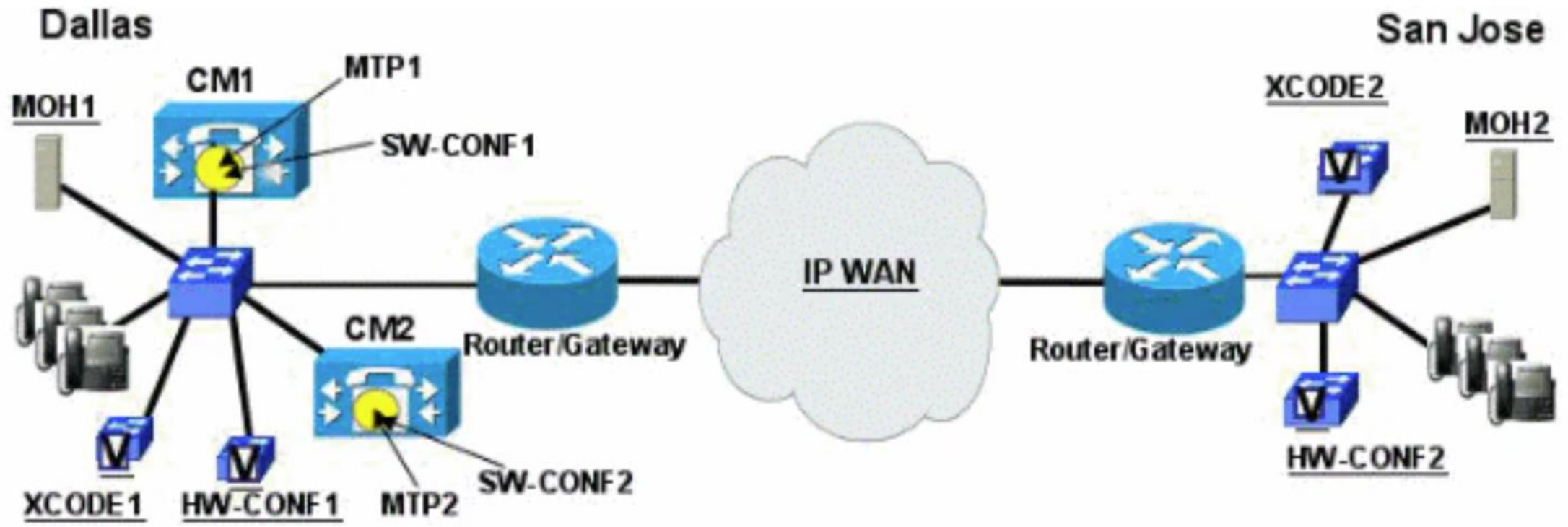


Other Considerations

Transcoder Placement



Media Resource Placement



Summary

- ✓ Media Resources
- ✓ Media Resource Groups
- ✓ Media Resource Group Lists
- ✓ Additional Considerations



Questions



Thank you for attending.

If you have any additional questions, or would like to learn more about our Athena program, please email...

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