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This section provides a series of quick reference tables that describe the different capacity limits for several key configurations of Cisco Unified MeetingPlace Release 8.0.

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Release 8.0 Using an Express Media Server

Configuration Details

This configuration assumes the following:

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- One Cisco Unified MeetingPlace Application Server using a minimum MCS-7845-I3-RC2 or equivalent.
- Two Web servers
- Three Cisco WebEx Node for MCS
- Single node configuration using the Express Media Server and Cisco WebEx Node for MCS web conferencing
- Supports both Cisco Unified MeetingPlace-scheduled meetings and reservationless meetings
- Does not support Cisco WebEx-scheduled meetings

Capacity

Maximum Number	Details
1500	Audio ports using G.711
300	Audio ports using G.729 or G.722
750	Combined audio/video ports using G.711 and 384Kpbs
125	Combined audio/video ports using G.722 and 2Mbps
1000	Web sessions per Application Server
500	Maximum number of concurrent audio and web meetings per Application Server
50	Simultaneous meetings that can be recorded
1000	Largest possible audio meeting (or 999 when recorded) ¹
500	Largest possible web meeting using Meeting Center meetings ¹
1	Database replication connection per Windows cluster (internal and external). Customers desiring redundancy for the SQL database must set up a database cluster sharing that one replication connection.

Footnote 1: We recommend that you schedule large meetings in order to obtain the maximum supported capacity.

Sizes

Maximum Size	Component
250,000	User profiles in the database
700,000	Meetings in the database

Call Rate

Maximum	Details
180 seconds	Time to get all ports into meetings (includes the time to disconnect from previous meetings)
20 seconds	Time to get the meetings started
15 CPS	Maximum call rate for inbound calls

Redundancy

Warm Standby Application Server is supported. This requires duplicate MCS hardware for the Application Server. Cisco Webex Node redundancy is supported with the 3 MCS server configuration. No redundant Cisco Unified MeetingPlace web servers are supported with the Cisco Webex integration.

Recommended Practices

- Scheduling and rescheduling of recurring meetings with more than 10 instances should be performed during off-peak times to minimize delays perceived by users joining meetings.
- Administrative reports should be run during off-peak times to minimize delays perceived by users joining meetings.

Release 8.0 Using a Hardware Media Server**Configuration Details**

This configuration assumes the following:

- One Cisco Unified MeetingPlace Application Server using a minimum MCS-7845-I3-RC2 or equivalent.
- Two Web servers
- Eight Audio blades
- Eight Video blades
- Three Cisco WebEx Node for MCS
- Single node configuration using the Hardware Media Server and Cisco WebEx Node for MCS web conferencing
- Supports both Cisco Unified MeetingPlace-scheduled meetings and reservationless meetings
- Does not support Cisco WebEx-scheduled meetings

Capacity

Maximum Number	Details
2000	Audio ports using G.711 or G.729 (without LEC)
1328	Audio ports using G.729 (with LEC), G.722, or iLBC
300	Video ports using standard rate video
1000	Web sessions per Application Server
500	Number of concurrent audio and web meetings per Application Server
50	Simultaneous meetings that can be recorded
1000	Largest possible audio meeting (or 999 when recorded ¹)
500	Largest possible web meeting using Meeting Center meetings ¹

1	<p>Database replication connection per Windows cluster (internal and external).</p> <p>Customers desiring redundancy for the SQL database must set up a database cluster sharing that one replication connection.</p>
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Footnote 1: We recommend that you schedule large meetings in order to obtain the maximum supported capacity.

Sizes

Maximum Size	Component
250,000	User profiles in the database
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Call Rate

Maximum	Details
180 seconds	Time to get all ports into meetings (includes the time to disconnect from previous meetings)
20 seconds	Time to get the meetings started
20 CPS	Maximum call rate for inbound calls

Redundancy

Warm Standby Application Server is supported. This requires duplicate MCS hardware for the Application Server and would also require duplicate media hardware if the components are deployed in separate data centers. Single data center supports single shared Media Server. Cisco Webex Node redundancy is supported with the 3 MCS server configuration. No redundant Cisco Unified MeetingPlace web servers are supported with the Cisco Webex integration.

Recommended Practices

- Scheduling and rescheduling of recurring meetings with more than 10 instances should be performed during off-peak times to minimize delays perceived by users joining meetings.
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Release 8.0 Using an Express Media Server from Cisco WebEx

Configuration Details

This configuration assumes the following:

- One Cisco Unified MeetingPlace Application Server using a minimum MCS-7845-I3-RC2 or equivalent.
- Three Cisco WebEx Node for MCS
- Single node configuration using the Express Media Server and Cisco WebEx web conferencing
- Uses Cisco WebEx front-end interfaces for web conferencing and Cisco WebEx productivity tools

Capacity

Maximum Number	Details
1500	Audio ports using G.711
750	Combined audio/video ports using G.711 and 384Kpbs
125	Combined audio/video ports using G.722 and 2Mbps
1000	Web sessions per Application Server
500	Number of concurrent audio and web meetings per Application Server
50	Simultaneous meetings that can be recorded
1000	Largest possible audio meeting (or 999 when recorded) ¹
500	Largest possible web meeting using Meeting Center meetings ¹
3500	Largest possible meeting using Event Center as follows: <ul style="list-style-type: none"> • Up to 500 users with speaking privileges on the Cisco Unified MeetingPlace audio bridge • Up to 3000 users with listening-only privileges on the audio broadcast

Footnote 1: For larger meetings, we recommend that you use Event Center.

Sizes

Maximum Size	Component
250,000	User profiles in the database
700,000	Meetings in the database

Call Rate

Maximum	Details
180 seconds	Time to get all ports into meetings (includes the time to disconnect from previous meetings)
20 seconds	Time to get the meetings started
15 CPS	Maximum call rate for inbound calls

Redundancy

Warm Standby Application Server is supported. This requires duplicate hardware for the Application Server. Cisco Webex Node redundancy is supported with the 3 MCS server configuration.

Recommended Practices

- Scheduling and rescheduling of recurring meetings with more than 10 instances should be performed during off-peak times to minimize delays perceived by users joining meetings.
- Administrative reports should be run during off-peak times to minimize delays perceived by users joining meetings.

Release 8.0 Using a Hardware Media Server from Cisco WebEx

Configuration Details

This configuration assumes the following:

- One Cisco Unified MeetingPlace Application Server using a minimum MCS-7845-I3-RC2 or equivalent.
- Eight Audio blades
- Eight Video blades
- Three Cisco WebEx Node for MCS
- Single node configuration using the Hardware Media Server and Cisco WebEx Node for MCS web conferencing
- Uses Cisco WebEx front-end interfaces for web conferencing and Cisco WebEx productivity tools

Capacity

Maximum Number	Details
2000	Audio ports using G.711 or G.729 (without LEC)
1328	Audio ports using G.729 (with LEC), G.722, or iLBC
300	Video ports using standard rate video
1000	Web sessions per Application Server
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Redundancy

Warm Standby Application Server is supported. This requires duplicate MCS hardware for the Application Server and would also require duplicate media hardware if the components are deployed in separate data centers. Single data center supports single shared Media Server. Cisco Webex Node redundancy is supported with the 3 MCS server configuration.

Recommended Practices

- Scheduling and rescheduling of recurring meetings with more than 10 instances should be performed during off-peak times to minimize delays perceived by users joining meetings.
- Administrative reports should be run during off-peak times to minimize delays perceived by users joining meetings.