



Glossary of Terms

Term	Definition
cluster	One or multiple subclusters that provides service to a single Cisco Unified Communications Manager cluster. Each Cisco Unified Communications Manager cluster requires one Cisco Unified Presence cluster.
database replication	Database replication is used to synchronize the databases on the various servers in the cluster. A change made on any node within the cluster is automatically replicated across all nodes in the cluster. In rare scenarios, manual reset or repair of the database replication between servers in the cluster might be required. This is performed by using the commands such as <code>utils dbreplication repair all</code> or <code>utils dbreplication reset all</code> at the command line interface (CLI).
DNS	Domain Name System
FQDN	Fully Qualified Domain Name
High Availability deployment	The deployment model that provides redundant services for users in case of the failure of services or hardware. Cisco Unified Presence supports a non High Availability deployment, a best effort High Availability deployment, and redundant High Availability deployment.
intercluster	A collection of Cisco Unified Presence clusters that are interconnected to provide uniform availability and IM services to all Cisco Unified Presence clusters.
multinode	The Cisco Unified Presence multinode feature enables the customer to increase the scalability of a Cisco Unified Presence cluster by a factor of three. The Cisco Unified Presence multinode feature allows the customer to create Cisco Unified Presence groups, also known as subclusters, with up to 45,000 users within a Cisco Unified Presence cluster.
node	A single Cisco Unified Presence server instance that supports up to 15,000 users. A Cisco Unified Presence node can be assigned to a subcluster.

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publisher node	The first node that is installed on a cluster is known as the publisher node. It is the database server for the entire cluster.
subcluster	A single Cisco Unified Presence server, or a pair of Cisco Unified Presence servers operating with a shared presence database that is able to support common users. In a single-node deployment within the subcluster, there is no high-availability failover protection for the users assigned to that node. In a dual-node deployment within a subcluster, users have high-availability failover protection as each node acts as a backup for the other node allowing clients to fail over in case of outages of components or nodes. In this high-availability mode, all users in the subcluster have failover capabilities.
subscriber node	The first node installed on a cluster is known as the publisher node. All subsequent nodes in the cluster are called subscriber nodes. Each subscriber node must be associated with the publisher node. You must set up all subscriber nodes in the system topology on the publisher node before you install the software on the subscriber nodes.
user	A user for whom Cisco Unified Presence will maintain availability status. A Cisco Unified Presence user is assigned to a node in a subcluster.