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- [Deployment of Cisco Unified Presence](#)

Term	Definition
Cluster	One or multiple subclusters providing service to a single Cisco Unified Communications Manager cluster. Each Cisco Unified Communications Manager cluster requires one Cisco Unified Presence cluster.
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 interconnected to provide uniform presence and IM services to all Cisco Unified Presence clusters.
Lightweight Directory Access Protocol (LDAP)	The Lightweight Directory Access Protocol (LDAP) provides applications with a standard method for accessing and potentially modifying the user information stored in the corporate directory. This capability enables enterprises to centralize all user information in a single repository available to several applications.
Line Appearance	A line appearance is the association of a particular line with a particular device. A single line can be associated with multiple devices, and a single device can be associated with multiple lines. You can associate one user, or many users, with a line appearance, rather than with a line or to a device.
Multi-node Feature	The Cisco Unified Presence multi-node feature, introduced in Cisco Unified Presence 7.x, enables the customer to increase the scalability of a Cisco Unified Presence cluster by a factor of three. The Cisco Unified Presence multi-node feature allows the customer to create Cisco Unified Presence groups, also known as subclusters, with up to 10,000 users within a Cisco Unified Presence cluster. This expands the Cisco Unified Presence cluster capacity to support up to 30,000 users.
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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.
User	A presence user for whom Cisco Unified Presence will maintain presence state. A Cisco Unified Presence user is assigned to a node in a subcluster.
Node	

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A single Cisco Unified Presence server instance supporting up to 5000 users. A Cisco Unified Presence node can be assigned to a subcluster.

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