



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

# Integration Reference Manual

Configuring DN Objects

9/4/2025

# Configuring DN Objects

Configure a Trunk DN for Cisco Media Gateway under the Switch object associated with SIP Server in the Configuration Layer.

## Configuring a Trunk DN for Cisco Media Gateway

### Start

1. Under a configured Switch object, select the DNs folder. From the File menu, select New > DN to create a new DN object.
2. In the New DN Properties dialog box, click the General tab, and then specify the following properties (see the following figure):
  - a. Number: Enter the gateway name.
  - b. Type: Select Trunk from the drop-down box.
3. Click the Annex tab.
4. Create a section named TServer. In the TServer section, create options as specified in the following table.

Option Name	Option Value	Description
contact	<ipaddress>:<SIP port>	The contact URI that SIP Server uses for communication with the gateway, where <ipaddress> is the IP address of the gateway and <SIP port> is the SIP port number of the gateway.
oos-check	0-300	How often (in seconds) SIP Server checks a DN for out-of-service status.
oos-force	0-30	How long (in seconds) SIP Server waits before placing a DN out of service.
prefix	Any numerical string	The initial digits of the number that SIP Server matches to determine whether this trunk should be used for outbound calls. For example, if prefix is set to 78, dialing a number starting with 78 will cause SIP Server to consider this trunk a gateway or SIP proxy. If multiple Trunk objects match the prefix, SIP Server will select the one with the longest prefix that

Option Name	Option Value	Description
		matches.
priority	Any non-negative integer	The gateway priority that SIP Server uses to decide a route. A smaller number designates higher priority. If more than one gateway with the same prefix is selected, the gateway with highest priority is normally selected. This priority option is used to control primary-backup gateway switchover, and to provide lowest-cost routing.
refer-enabled	false	Set this option to false for SIP Server to use a re-INVITE request method when contacting the gateway. This is the only method supported in the Cisco Media Gateway configuration.
recovery-timeout	0-86400	The length of time that a device is set to out-of-service in case of an error.
replace-prefix	Any numerical string	The digits that replace the prefix in the DN. For example, if prefix is set to 78, and replace-prefix is set to 8, the number 786505551212 will be replaced with 86505551212 before it is sent to the gateway or SIP proxy (here, Cisco Media Gateway).

5. When you are finished, click Apply.

**End**