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Outbound Trunking

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Outbound Trunking

Outbound Trunking is a registration feature that allows you to present the CLI of another number on your account, using a trunking number. Outbound trunking relieves phone administrators of the onerous task of individually registering large blocks of numbers to preserve CLI.

How to set up Outbound Trunking

A Caller ID is made of a combination of a 'From' and secondly 'Contact' or SIP URI. By manipulating the FROM you can set an outgoing CLI, whilst using the trunking number Contact to make the outgoing call. The Outbound trunking example below will present 61240009009 as the outbound CLI while using 61240009000 as the registered trunk number:

From: "61240009009" sip:61240009000@192.168.17.82

```
INVITE sip:0289707509@192.168.17.83 SIP/2.0
Via: SIP/2.0/UDP 192.168.17.84:5060;branch=z9hG4bKzc224899467
Max-Forwards: 10
From: "61240009009" <sip:61240009000@192.168.17.82>;tag=1c195138929
To: <sip:0434012504@192.168.17.83>
Call-ID: 195090027811201675939@192.168.17.84
CSeq: 2 INVITE
Contact: <sip:61240009000@192.168.17.84:5060>
Authorization: Digest username="61240009000",realm="voip",nonce="2e508fd5",uri="sip:61240009009@192.168.17.83",
algorithm=MD5,response="4c71dff15aad232e95ff4af2ae143c30" Supported: info,timer,replaces
Allow: INVITE,BYE,CANCEL,ACK,INFO,OPTIONS,SUBSCRIBE,NOTIFY,REFER,REGISTER,UPDATE
Session-Expires: 3600;refresher=uac
User-Agent: Mediant 800B/v.6.80A.285
Privacy: none
Content-Type: application/sdp
Content-Length: 219
```

SIP Peering

One advantage of SIP Peering over Registration is that we honor any account phone numbers (presented via the primary trunk DID).

1. [Log into your account.](#)
2. Select Switchboard.
3. Select your number.
4. Outbound.

5. Outbound Trunking.

6. Click Enable outbound trunking on the line you wish to configure as the accounts Outbound Trunk DID.

Please restrict the Inbound trunking with its own password.

Other Notes

- **Display name:** Most devices such as softphones and IP Phones refer to the name part as the Display name.
- Asterisk-based PBX systems the name part can be set in the SIP or IAX2 configuration with the caller id= field - or if you wish to present it in the dial plan when you use the CALLER ID (name) variable. By changing this name partly to the number you wish to present on the call you can achieve multiple caller ID presentations for each DDI over a single registration or login.
- **P-Asserted-Identity:** see also a P-Asserted-Identity header (RFC 3325) to define the Caller ID as an alternative to manipulating the name field (subject to your system support for RFC 3325).
- **Groups:** Ensure that all FROM numbers are within the same 'Group' as the Outbound trunk number.

	NUMBER	REGION	PLAN	COST	BILLING GROUP	RESTRICTED	PASSWORD	EXTENSION	CALLER NAME	NOTE	GROUP	SETTINGS
<input type="radio"/>	65084568090		2talk Bundled Line	0.00	65084568090						Default	
<input type="radio"/>	67064185615		2talk Bundled Line	0.00	67064185615						Default	
<input type="radio"/>	67322720032		2talk Bundled Line	0.00	67322720032		Nomad		Main Line Joa...		Default	
<input type="radio"/>	67328130119		2talk Bundled Line	0.00	67328130119		Nomad		SoftPhone US j		Default	
<input type="radio"/>	68155242132		DID 0.80	0.80	68155242132							
<input type="radio"/>	69083681047		2talk Bundled Line	0.00	69083681047		Nomad		Joao us		Default	
<input type="radio"/>	69083681049		2talk Bundled Line	0.00	69083681049		Nomad	200			Default	
<input type="radio"/>	69087608028		2talk Bundled Line	0.00	69087608028		Nomad	210			Default	
<input type="radio"/>	69146701010		2talk Bundled Line	0.00	69146701010		Juju*11		Ju		Default	