

## راهنمای تنظیمات Newrock MX8-OCS برای ارتباط با Lync 2010

### تنظیمات سمت Gateway

1- ابتدا با استفاده از مرور گر به دستگاه با آدرس 192.168.2.218 و رمز عبور OCS8 وصل میشویم.

2- تنظیمات قسمت Basic :

در صفحه ی SIP

Signaling port	5060	1~9999,default 5060
Registrar server	192.168.1.6:5068	e.g. 168.33.134.50:5060 or www.sip.com:5060
Proxy server	192.168.1.6:5068	e.g. 168.33.134.51:5000 or www.sipproxy.com:5000
User agent domain name		e.g. www.gatewaysip.com
Authentication mode	Register by line	
Registration period	600	15~86400(s), default 3600

3- تنظیمات قسمت Routing

در صفحه ی Routing Table

IP	9	REMOVE	1	
IP	x	ROUTE	FXO	1
FXO	1	ROUTE	IP	192.168.1.6:5068/TCP

4- تنظیمات صفحه ی Line

در صفحه ی Trunk

Trunk ID	FXO-1	<input type="button" value="Batch"/>
Steps: 1.Select a line and set parameters; 2.Submit; 3.Batch		
Phone number	8000	Max 20 digits
Registration	<input type="checkbox"/>	
Inbound handle	Binding	
Binding number	+98212621398	Max 20 digits
<input type="checkbox"/> Polarity reversed signal detection	<input checked="" type="checkbox"/> Call ID detection	
<input type="checkbox"/> Outbound blocking	<input checked="" type="checkbox"/> Echo cancellation	
<input checked="" type="checkbox"/> Connect signal delay(Also see " Answer delay " in page " Advanced > Trunk ")		

5- تنظیمات قسمت Advanced

در صفحه ی SIP

SIP related configuration	
MWI subscription	86400 RFC3842: 60~172800(s), default 86400. Also see " Subscribe MWI " in page " Line > Feature "
PRACK	<input checked="" type="checkbox"/> RFC3262
Session timer	<input type="checkbox"/> RFC4028
Session interval	1800 Max 10 digits, default 1800(s)
Minimum timer	1800
Request/Response Configure	
Contact field in REGISTER	<input checked="" type="radio"/> NAT IP address <input type="radio"/> LAN IP address
Domain name in REGISTER	<input checked="" type="radio"/> Domain name <input type="radio"/> Subdomain name
Via field	<input type="radio"/> LAN IP address <input checked="" type="radio"/> NAT IP address
To field	<input checked="" type="radio"/> Subdomain name <input type="radio"/> Outbound proxy
Address in Call ID field	<input type="radio"/> Host name <input checked="" type="radio"/> Local IP address
Called party number	<input checked="" type="radio"/> From <b>Request Line</b> field <input type="radio"/> From <b>To</b> field
Calling party number in call transfer	<input checked="" type="radio"/> Originating number <input type="radio"/> Forwarding number
Do not validate Via	<input checked="" type="checkbox"/>
Register upon invite timeout	<input type="checkbox"/>
TCP	
Protocol type	TCP
Local TCP listen port	5060

در صفحه ی Tones

Country/Region	Iran	<p>Note:</p> <p>350+440 Indicates the dual-frequency tone of 350 Hz and 440 Hz</p> <p>480+620/500,0/500 Indicates that the dual-frequency tone of 480 Hz and 620 Hz is played with half second on and half second off.The value 0/500 indicates the mute of 500 ms</p> <p>440/300,0/10000,440/300,0/10000 Indicates that the single-frequency tone of 440 Hz is played twice with 300 milliseconds on and 10 seconds off</p> <p>950/333,1400/333,1800/333,0/1000 Indicates that the tone of 950 Hz is played for 333</p>
Dial	425/0	
2nd dial		
Message waiting		
Busy	425/500,0/500	
Congestion	425/250,0/250	
Ring back	425/1000,0/4000	
Disconnect		
Call waiting	425/200,0/200,425/200,0/10000	
Confirmation		

## تنظیمات سمت Lync

برای ارسال و دریافت تماس های صوتی باید Newrock Gateway را به عنوان یک PSTN Gateway در Lync تعریف کرده و تنظیمات ارسال تماس را از Lync به Newrock انجام دهید.

The screenshot shows the Lync administration console on the left with a tree view containing folders like 'Director pools', 'A/V Conferencing pools', 'SQL stores', 'File stores', 'Mediation pools', 'PSTN gateways', 'Monitoring Servers', 'Archiving Servers', 'Edge pools', 'Trusted application servers', and 'Branch sites'. Under 'PSTN gateways', three gateways are listed with IP addresses: 192.168.16.100, 192.168.16.145, and 192.168.1.251. The 'Edit Properties' dialog box is open, showing the following configuration:

Gateway FQDN or IP Address:	192.168.1.251
Listening port:	5060
SIP Transport Protocol:	TCP
Alternate media IP address:	<i>Not configured</i>
Mediation Server:	alyncp.kavatelecom.net (01A-Tehran)

The 'Edit Properties' dialog box also shows the following fields and options:

- Gateway FQDN or IP Address: 192.168.1.251
- Listening port for IP/PSTN gateway: \* 5060
- Sip Transport Protocol:
  - TCP
  - TLS
- Alternate media IP address: (empty field)

Buttons for 'Help', 'OK', and 'Cancel' are visible at the bottom of the dialog box.

پس از تعریف Newrock به عنوان Trusted PSTN Gateway باید در تنظیمات Dial Plan و Routes تماس های مورد نیاز را به سمت این Gateway ارسال کنید.

توجه داشته باشید که شماره های ارسالی به gateway در فرمت استاندارد E.164 بوده و تمامی شماره های مورد نیاز دیده شود.