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Automated Alternate Routing (AAR)

« Enhanced Location Call Admission Control using RSVP (/workbook/view/ccie-collaboration/task/enhanced-location-call-admission-control-using-rsvp-MzA1NA%3D%3D) I Call Control Discovery over Service Advertisement Framework (CCD/SAF) (/workbook/view/ccie-collaboration/task/call-control-discovery-over-service-advertisement-framework-ccd-saf-MzA1Ng%3D%3D) »

Last updated: November 10, 2017

Tasks

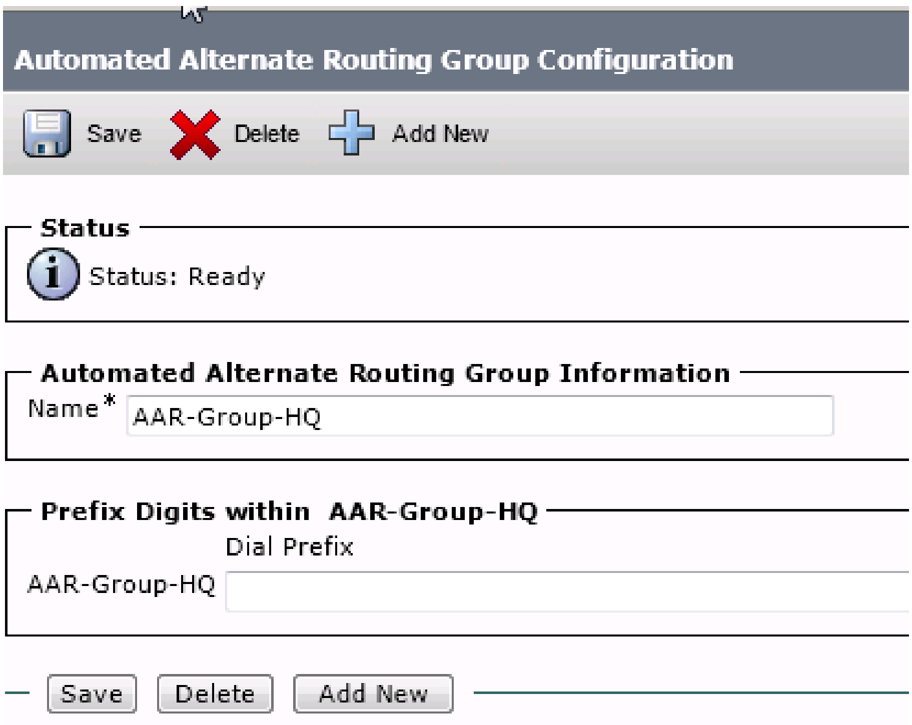
- When HQ & Site C Phones call each other and there is no bandwidth available make sure they can still reach other using alternate routing and by dialing 4 digits.
- To test AAR increase the busy trigger on line of Site C Phone 1 to 3.

Configuration: **Click to *collapse***

Increase the number of Busy Trigger to 3 for Site C Phone 1

HQ – Publisher

Call Routing > AAR Group



System > Device Pool

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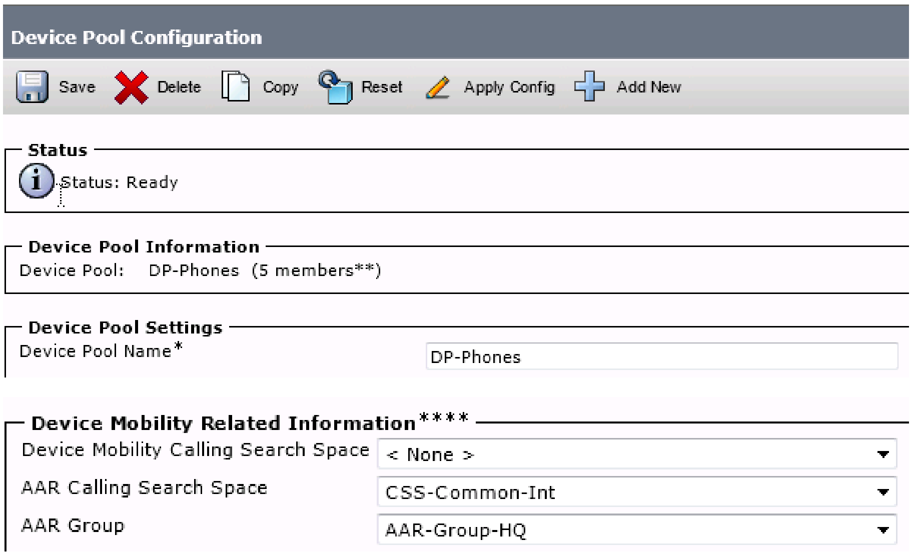
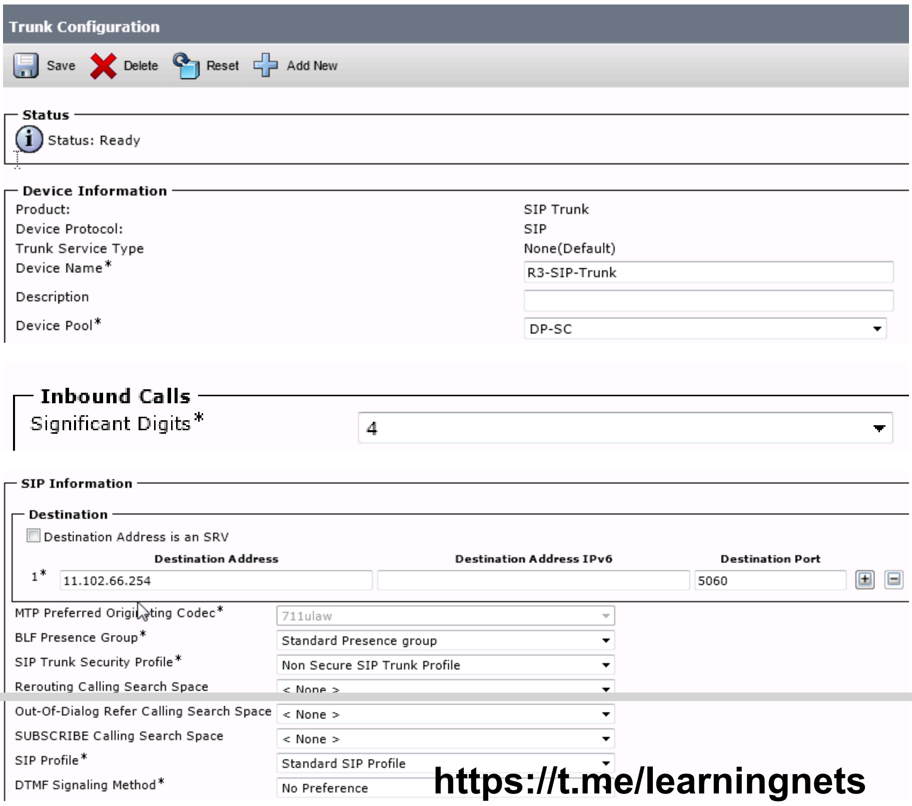


Device > Phone > Line

Device > Trunk



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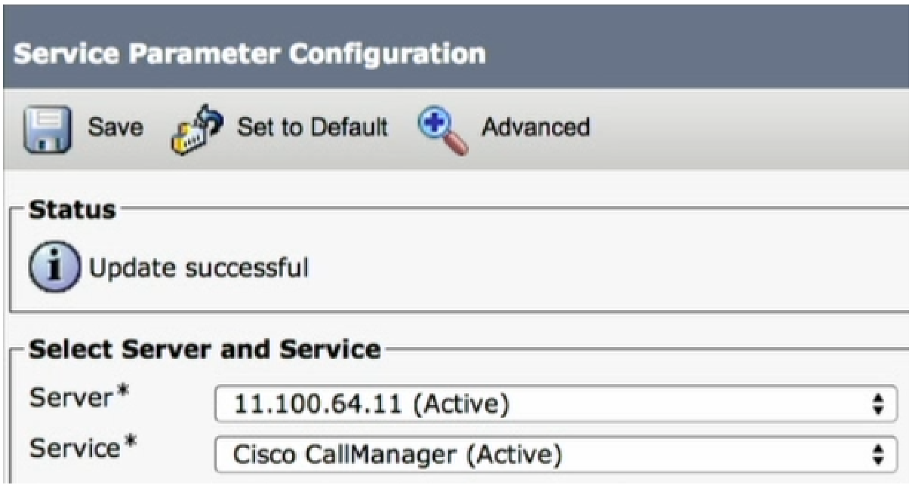

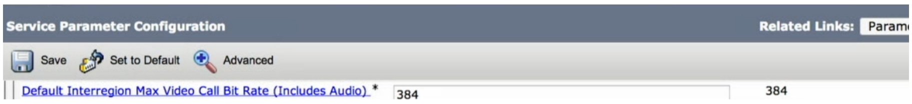

On R3 Gateway

```
dial-peer voice 111006412 voip
 destination-pattern ^70044...$
 session protocol sipv2
 session target ipv4:11.100.64.12
 dtmf-relay rtp-nte sip-kpml
!
dial-peer voice 1 pots
 incoming called-number .
 direct-inward-dial
```

Verification

Make a call from HQ Phone 1 to Site C Phone 1. Pickup the call.
Make another call from HQ Phone 2 to Site C Phone 1. Pickup the call.
Place a call from any HQ Phone to Site C Phone 1 and you should see NETWORK CONGESTION REROUTING.

On R1 & R3

```
Debug isdn q931
```

« Enhanced Location Call Admission Control using RSVP (/workbook/view/ccie-collaboration/task/enhanced-location-call-admission-control-using-rsvp-MzA1NA%3D%3D) I Call Control Discovery over Service Advertisement Framework (CCD/SAF) (/workbook/view/ccie-collaboration/task/call-control-discovery-over-service-advertisement-framework-ccd-saf-MzA1Ng%3D%3D) »