

Dynamic Routing

Dynamic routing describes the capability of a system, through which routes are characterized by their destination, to alter the path that the route takes through the system in response to a change in conditions. The adaptation is intended to allow as many routes as possible to remain valid (that is, have destinations that can be reached) in response to the change.

This section allows user to manage all Dynamic Routing in the system.

Dynamic Routing List

By click on Route Dynamic Routing the Main window of this section will be displayed by list of all available dynamic routing.

Query Form

This form allows the user to query data as below:

Screenshot: Query Form

Name

All

Query

Query Form

Is used to select the name of Dynamic Routing to query. Click on the arrow, the list of all available Dynamic Routings will be displayed. Click on the circle next to dropdown list to get latest the list of the Payment Term. Click on the query button, the result will be displayed.

Result Form

Input the name into textbox then click on the Query button, the result will appear as below:

Screenshot: Result Form

Page row: 10




Show/Hide Columns

<input type="checkbox"/>	Name	Routing Rule	Time Profile	Usage Count	QoS Cycle	Update At	Update By	Action
<input type="checkbox"/>	arita_eg	LCR		1	15 minutes	2017-12-30 01:16:09+0000	admin	
<input type="checkbox"/>	kerry	by maximum ACD		1	15 minutes	2017-12-30 02:47:53+0000	admin	

Result Form

Column Name	
Name	Name of Routing.
Usage Count	Is used to show the total of Routing Plan are using Dynamic Routing. You can see all Routing Plan by click on the number in this column.
Update At	The last date-time when the routing was updated.
Update By	The last account who update the routing.
Action	The action performed on record.

Button	Description
	Is used to config QoS parameter.
	Is used to set Trunk Priority.


	Is used to config Override.
	Is used to edit the Routing.
	Is used to delete the Routing.
Page row: 10 ▼	Is used to set the total of records per a page.
Show/Hide Columns ▼	Is used to select the column which will be shown/hidden.
< 1 2 3 >	Is used to go to next, previous page. It is also used to go to the specific page by clicking on the number of page.

Creating New Dynamic Routing

Click on Create New button, the new form with many fields will appear allow user to add new:

Screenshot: Creating New Dynamic Routing

Create Dynamic Routing

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Name:

Enter Name

Routing Rule:





by maximum ACD ▼




Time Profile:

Select one ▼

QoS Cycle:

15 Minutes ▼

 Add Egress
 Add All Egress
 Delete Selected
 Delete All

<input type="checkbox"/>	Carriers	Egress Trunk Name	Action
<input type="checkbox"/>	Select one ▼	Select one ▼	
<input type="checkbox"/>	did_client ▼	did_client ▼	
<input type="checkbox"/>	arita_ingress6 ▼	egress_rita ▼	

Creating New Dynamic Routing

Column Name	Description
Name	Select time profile. In the time belong to this profile, the call will be blocked.

Routing Rule	Type of Routing Rule:	
	Largest ACD	Largest Average Call Duration. For this rule, The Trunk which have largest Average Call Duration will be given priority
	Largest ASR	Largest Answer-Seizure Ratio. For this rule, The Trunk which have largest Answer-Seizure Ratio will be given priority
	LCR	Least-Cost Routing. For this rule, The route which have least cost will be given priority.
Time profile	Time profile field is used to set the range time when the route will be worked. You can config time profile under Switch -> Time Profile.	
Qos Cycle	The fourth is Qos Cycle. This field is used to set the cycle time for QoS monitor will be run.	
Add Egress	Click on Add Egress button to add more Egress Trunk. Select Carries and Trunk name from dropdown list.	
	Carriers	Name of Carriers
	Trunk Name	Egress Trunk belong to Carrier
	You can click on delete icon to remove Egress Trunk.	
Add All Egress	Adding all Egress Trunks automatically into Dynamic Routing.	
Delete Selected	Selecting Trunk by check on the checkbox then click on this button, all the selected trunks will be removed from Dynamic Routing.	
Delete All	Removing all Egress Trunks from Dynamic Routing.	
Carrier	The Carrier which assigned to Egress Trunk.	
Trunk Name	Name of Egress Trunk.	
Action	Is used to delete Carrier and corresponding Egress Trunk	

Finally, click on Save Icon to add new Dynamic Routing.

The new Dynamic Routing will be appeared on list. You can use Search function to filter Routing by Routing Name and Routing Rule.

Click on Plus icon to view details of Dynamic Routing.


Qos Parameters

This part is used to block the vendor that does not meet the QoS requirement. We have set the criteria then the system will check the vendor meet the requirement or not.



To input all parameters to QoS, click on  Icon . The new page will be appeared as below:

Screenshot: QoS Parameters

QoS Parameters

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Prefix
Search..

Page row: 10
Show/Hide Columns
+



Prefix	Min ASR	Max ASR	Min ACD	Max ACD	Max Price	Action
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QoS Parameters

Column Name	Description
Prefix	Prefix number.
Min ASR	Minimum of Answer-Seizure Ratio.
Max ASR	Maximum of Answer-Seizure Ratio.

Min ACD	Minimum of Average Call Duration.
Max ACD	Maximum of Average Call Duration.
Max Price	Max Price.
Action	Action performed on rule.

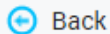

Trunk Priority

In many cases, there are many Egress Trunks for a carrier. We can set priority for trunk. The call will preferentially go through the higher priority trunk.

Click on  icon, the Trunk Priority will be appeared as below:

Screenshoot: Priority Trunk

Trunk Priority

Prefix

Egress Trunks





All

Query

Page row:

10

Show/Hide Columns

<input type="checkbox"/>	Prefix	Trunk Name	Priority	Action
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Priority Trunk

Column Name	Description
Prefix	Filter data by Prefix number.
Egress Trunk	Filter data by trunk name.
Prefix	Prefix of Egress Trunk.
Egress Trunk	Name of Egress Trunk.
Priority	Priority of Egress Trunk.

After filling out all parameter, click on **Save** icon to save. If not, you can click on **Delete** icon to cancel and click on **Back** button to go back to Dynamic Routing page.

Click on Delete All button to remove all Trunks.

Click Back button to go back to Dynamic Routing page.

Override

This page is used to config percent of call over each route or vendor.

Click on , you can redirect to Override page as below:

Screenshot: Override

Override [aadynamic]

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Group Name

Egress Trunk

Percentage(From):

Enter Group Name

All

Enter Percentage

Percentage(To):

~ Enter Percentage

Query

Page row:

10

Show/Hide Columns

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Prefix	Egress Trunk	Percentage	Action
5		5	<div><div></div><div></div></div>
6		2	<div><div></div><div></div></div>

Override

We can select egress and the maximum % of total call over them either for the code/prefix or for all the calls going through the route.

You can also filter data by some fields on this page such as Egress Trunk Name, Percentage Range.

For this rule, The Trunk which have largest Average Call Duration will be given priority

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