

Configure Redistribution Policies in Concerto

 For supported software information, click [here](#).

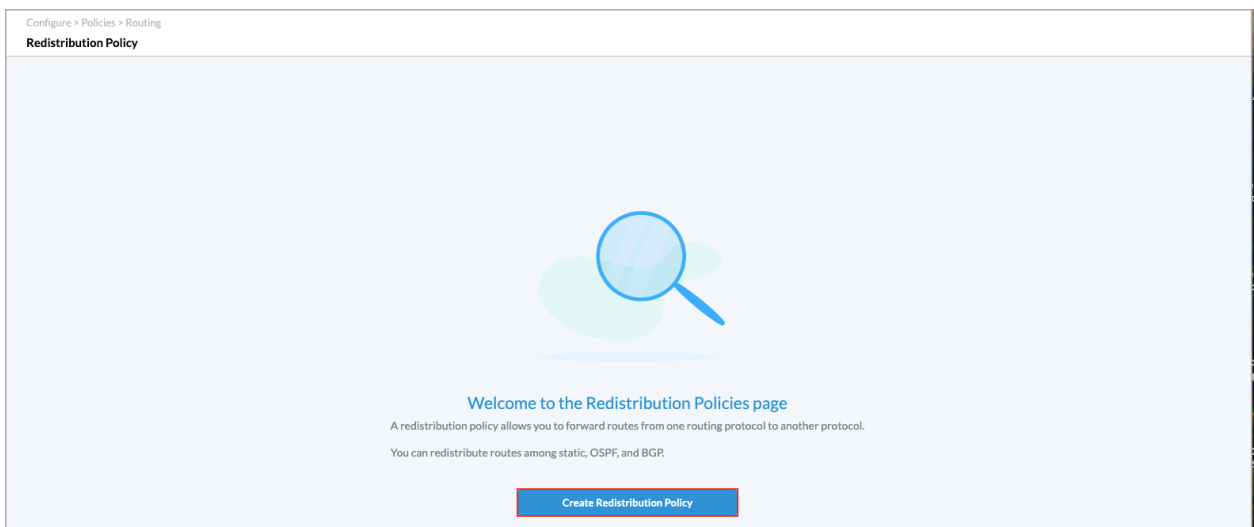
Concerto implicitly creates redistribution policies and terms based on the personality of a device (hub, spoke, Controller) and on which protocols are enabled on the LAN side, and then uses these redistribution policies in the appropriate routing protocols. These implicitly created policies do not display in the Concerto user interface.

You can also create custom redistribution policies, and you can then apply them when you create a VPN instance. For more information about creating a VPN instance, see [Configure Profiles](#).

After you attach custom redistribution policies to a VPN instance and publish them, the custom redistribution policies replace the default redistribution policies. To return to default redistribution policies, delete all the custom redistribution policies used in the VPN instance and then republish them.

To configure redistribution policies:

1. Go to Configure > Profile Elements > Policies > Routing > Redistribution Policy.
 - a. If you have not previously configured a redistribution policy, the following screen displays. Click Create Redistribution Policy.



- b. If you had previously configured one or more redistribution policies, the following screen displays.

Configure > Policies > Routing

Redistribution Policy

Redistribution Policies (1) + Add Clone Delete Refresh More Actions Select Columns ⌵

Name	Version	Terms
<input type="checkbox"/> P1	1	T1

Showing 1-1 of 1 results 10 Rows per Page Go to page 1 < Previous 1 Next >

2. Click the Select Columns field to select which columns to display. The options are Version and Terms.
3. Click the + Add icon to create a new redistribution policy. The Add Redistribution Policy screen displays, and Step 1, Terms, is selected.

Add Redistribution Policy

1
→
2
→
3

Terms Permissions Review & Submit

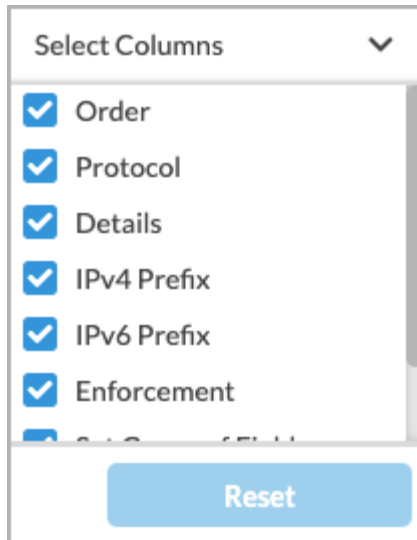
Please create new terms to be included in this policy.

Terms (0) + Add Clone Delete Reorder Select Columns ⌵


Term Name	Order	Protocol	Details	Match	IPv4 Prefix	IPv6 Prefix	Enforcement	Set Group of Fields
No Data								

Cancel
Skip to Review
Next

4. Click the Select Columns field to select which columns to display.



The options are:

- Order
 - Protocol
 - Details
 - IPv4 Prefix
 - IPv6 Prefix
 - Enforcement
 - Set Group of Fields
 - Additional Information
3. Click the  Add icon. The Add Redistribution Policy Term screen displays, and Step 1, Match, is selected. Enter information for the following fields.

Add Redistribution Policy Term

1
Match
2
Action
3
Review & Submit

The Match step allows you to select the protocol whose routes you want to redistribute. Each protocol displays the fields available for match conditions.

Protocol

--Select--

Monitor

--Select--

Monitor State

--Select--

IPv4 Prefix

IPv4 Subnet*

Min Length

Max Length

Action

--Select--

IPv6 Prefix

IPv6 Subnet*

Min Length

Max Length



Action



--Select--

Cancel
Skip to Review
Next

Field	Description
Protocol	<p>Select a protocol:</p> <ul style="list-style-type: none"> ◦ BGP ◦ DHCP ◦ Direct ◦ RIP ◦ OSPF ◦ SDWAN ◦ Static
Routing Type	<p>If you select the BGP protocol, select a routing type:</p> <ul style="list-style-type: none"> ◦ EBGp ◦ IBGP <p>If you select the OSPF protocol, select a routing type:</p> <ul style="list-style-type: none"> ◦ Intra Area ◦ Inter Area ◦ Type 1 External ◦ Type 2 External


Field	Description
Community	<p>If you select the BGP protocol, enter the BGP community string to match.</p> <p>A BGP community is a group of destinations with a common property. This path attribute in BGP update messages identifies community members and performs actions at a group level instead of to an individual level. BGP communities help identify and segregate BGP routes, enabling a smooth traffic flow.</p>
Extended Community	<p>If you select the BGP protocol, enter the extended BGP community string to match. In an extended community, you can group a larger number of destinations than in a community.</p> <p>Note that the formats of extended communities used in the match and set sections are different. Valid values are similar to the following:</p> <ul style="list-style-type: none"> ◦ Match—target:222L:222 ◦ Set—00000000000000011
OSPF Area	If you select the OSPF protocol, enter the OSPF area to match.
OSPF Tag	If you select the OSPF protocol, enter the OSPF tag to match.
Static Tag	If you select the Static protocol, enter a tag for the static route.
Monitor	Select a monitor.
Monitor State	<p>Select a monitor state:</p> <ul style="list-style-type: none"> ◦ Down ◦ Up
IPv4 Prefix (Group of Fields)	
◦ IPv4 Subnet (Required)	Enter a valid IPv4 subnet, for example, 10.1.1.0/24.


Field	Description
<ul style="list-style-type: none"> Minimum Length 	<p>Enter the minimum length.</p> <p><i>Range:</i> 0 through 32</p> <p><i>Default:</i> None</p>
<ul style="list-style-type: none"> Maximum Length 	<p>Enter the maximum length.</p> <p><i>Range:</i> 0 through 32</p> <p><i>Default:</i> None</p>
<ul style="list-style-type: none"> Action 	<p>Select the action to take:</p> <ul style="list-style-type: none"> Accept Reject
<ul style="list-style-type: none">  Add icon 	<p>Click the  Add icon to add the IPv4 subnet. You can add multiple subnets.</p>
IPv6 Prefix (Group of Fields)	
<ul style="list-style-type: none"> IPv6 Subnet (Required) 	<p>Enter a valid IPv6 subnet.</p>
<ul style="list-style-type: none"> Min Length 	<p>Enter the minimum length.</p> <p><i>Range:</i> 0 through 32</p> <p><i>Default:</i> None</p>
<ul style="list-style-type: none"> Max Length 	<p>Enter the maximum length.</p> <p><i>Range:</i> 0 through 32</p> <p><i>Default:</i> None</p>
<ul style="list-style-type: none"> Action 	<p>Select the action to take:</p> <ul style="list-style-type: none"> Accept


Field	Description
	<ul style="list-style-type: none"> ◦ Reject
<ul style="list-style-type: none"> ◦  Add icon 	Click the  Add icon to add the IPv6 subnet. You can add multiple subnets.

4. Click Next to go to Step 2, Action, and then enter information for the following fields.

Add Redistribution Policy Term


Match


Action


Review & Submit

The Action step allows you to define Redistribution Policy Term action conditions.

Action

Accept

Set Group of Fields

Community

Extended Community

Origin

OSPF External Type

OSPF Tag

☐ OSPF Metric to BGP Local Preference

Metric

Metric Conversion

Route Preference

Local Preference

Cancel

Back

Skip to Review

Next

Field	Description
Action	<p>Select the action to take:</p> <ul style="list-style-type: none"> ◦ Accept ◦ Reject
Set Group of Fields	
<ul style="list-style-type: none"> ◦ Community 	<p>Enter the BGP community string to match. A BGP community is a group of destinations with a common property. This path attribute in BGP update messages identifies community members and performs actions at a group level instead of to an individual level. BGP communities help identify and segregate BGP routes, enabling a smooth traffic flow.</p> <p>If you configure a community string, you cannot also select a community in the Well-Known Community field.</p>
<ul style="list-style-type: none"> ◦ Extended Community 	<p>Enter the extended BGP community string to match. In an extended community, you can group a larger number of destinations than in a community.</p> <p>Note that the formats of extended communities used in the match and set sections are different. Valid values are similar to the following:</p> <ul style="list-style-type: none"> ◦ Match—target:222L:222 ◦ Set—00000000000000011
<ul style="list-style-type: none"> ◦ Origin 	<p>Select the source of the route:</p> <ul style="list-style-type: none"> ◦ Local EGP ◦ Remote IGP ◦ Unknown Heritage
<ul style="list-style-type: none"> ◦ OSPF External Type 	<p>Select the OSPF external type to use when distributing a route to OSPF:</p>

	<ul style="list-style-type: none"> ◦ E1 ◦ E2
◦ OSPF Tag	Enter the OSPF tag to add to the route.
◦ OSPF Metric to BGP Local Preference	For routes being redistributed from OSPF to BGP, click to set the local preference of BGP route to a mapped value from OSPF metric (4294967295 minus the OSPF metric).
◦ Metric	Enter the BGP multiple exit discriminator (MED) value to match.
◦ Metric Conversion	Select the conversion factor for the metric value: <ul style="list-style-type: none"> ◦ Set ◦ Inverse ◦ Scale up ◦ Scale down ◦ Truncate
◦ Route Preference	Enter a value for the route preference.
◦ Local Preference	Enter the local preference to use during the route redistribution.

5. Click Next to go to Step 3, Review & Submit.

Add Redistribution Policy Term

Review your configurations. Before submitting, review and edit any steps of your configuration below.

General

Name

Match

Edit

Protocol

Routing Type

Community

Extended Community

IPv4 Prefix | 0

IPv4 Subnet	Min Length	Max Length	Action

Showing 1-1 of results
10
Rows per Page
Go to page 1
Previous
1
Next

IPv6 Prefix | 0

IPv6 Subnet	Min Length	Max Length	Action

Showing 1-1 of results
10
Rows per Page
Go to page 1
Previous
1
Next

Action

Edit

Action
accept

Set Group of Fields

Community

Extended Community

Origin

OSPF External Type

OSPF Tag

Metric

Metric Conversion


Route Preference

Local Preference

Cancel

Back

Save

- Enter a name for the redistribution policy under General.
- Review your configurations. Click  Edit next to any section to make changes.
- Click Save.

Supported Software Information

Releases 12.1.1 and later support all content described in this article.

https://docs.versa-networks.com/Secure_SD-WAN/02_Configuration_from_Concerto/Secure_SD-WAN_Configuration/Config...

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Additional Information

[Configure Profiles](#)