



# Hub and Spoke

- [topology hub-and-spoke enable](#), on page 1

## topology hub-and-spoke enable

Use the **topology hub-and-spoke enable** command in system configuration mode on a Cisco SD-WAN Controller to configure a hub-and-spoke topology in the network that the Cisco SD-WAN Controller is serving. Use the **no** form of the command to disable this method of configuring a hub-and-spoke topology.

**topology hub-and-spoke enable**

**no topology hub-and-spoke enable**

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**Command Default** By default, hub-and-spoke topology is not enabled on Cisco SD-WAN Controllers.

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**Command Modes** System configuration (config-system)

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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	Cisco IOS XE Catalyst SD-WAN Release 17.12.1a	This command was introduced.

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**Usage Guidelines** You can configure a hub-and-spoke topology using transport gateway to operate as hubs. The resulting hub-and-spoke topology applies to all VRFs. This method avoids the need for complex centralized control policy.

The configuration requires only a few simple configuration steps: a single command each on (a) the Cisco SD-WAN Controllers serving a network, (b) a router that serves as a hub, configured as a transport gateway, and (c) edge routers operating as spokes.

### Example

```
sdwanController (config) #system  
sdwanController (config-system) #topology hub-and-spoke enable
```

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**Related Commands**

Command	Description
transport-gateway enable	A transport gateway operates as the hub in a hub-and-spoke routing topology. The <b>transport-gateway enable</b> command enables transport functionality on a router.
site-type	The <b>site-type</b> command configures the site type of a router. Site type is used in conjunction with transport gateway configuration.