

Hub and Spoke

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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

Command Default

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

Command Modes

System configuration (config-system)

Command History

Release	Modification
Cisco IOS XE Catalyst SD-WAN Release 17.12.1a	This command was introduced.

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
```

Related Commands

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