Service Node Group Configuration Mode Commands

To configure a WAAS Node (WNG) that is part of an AppNav Cluster, use the **service-insertion service-node-group** global configuration command. To unconfigure settings, use the **no** form of this command.

service-insertion service-node-group *sngroupname*{**description** *description* | **service-node** *ip-address* [**description** *description*]}

no service-insertion service-node-group *sngroupname* {**description** *description* | **service-node** *ip-address* [**description** *description*]}

Syntax Description

sngroupname	Specifies the name of a WNG to configure and enters service node group configuration mode to configure WNG settings. If the WNG does not exist, this command creates it.
description *description*	(Optional) Specifies a description of the WNG with up to 200 alphanumeric and space characters.
service-node *ip-address*	Specifies the IP address of a WN to be added to the WNG. The address must be the IP address of the interface on which the WN is to receive traffic from the ANCs.
description *description*	(Optional) Specifies a description of the WN with up to 200 alphanumeric and space characters.

Defaults

No default behavior or values.

Command Modes

global configuration

Device Modes

appnav-controller

Usage Guidelines

Use the **service-insertion service-node-group** command to configure a WNG that is part of an AppNav Cluster. This command initiates the service node group configuration mode, which is indicated by a different prompt (config-sng). To return to global configuration mode, enter the **exit** command.

Each ANC in the AppNav Cluster must be configured with the settings for each WNG in the cluster by using the **service-insertion service-node-group** command.

A WNG can contain a maximum of 32 WNs, with a maximum of 32 WNs across all WNGs in the AppNav Cluster.

Examples

The following example shows how to configure and enable two WNGs, each having two WNs, on a ANC:

```
ANC(config)# service-insertion service-node-group LondonNodeGroup
ANC(config-sng)# description London branch node group
ANC(config-sng)# service-node 10.10.10.15 description London branch node 1
ANC(config-sng)# service-node 10.10.10.16 description London branch node 2
ANC(config-sng)# exit
ANC(config)# service-insertion service-node-group ChicagoNodeGroup
ANC(config-sng)# description Chicago branch node group
ANC(config-sng)# service-node 10.10.11.25 description Chicago branch node 1
ANC(config-sng)# service-node 10.10.11.26 description Chicago branch node 2
```

Related Commands

(config-sng) description

(config-sng) service-node

(config) service-insertion

show service-insertion

(config-sng) description

To configure the WNG description, use the **description** service node group configuration command. To unconfigure the description, use the **no** form of this command.

description *description*

no description *description*

Syntax Description

description	Specifies a description of the WNG with up to 200 alphanumeric and space characters.

Defaults

No default behavior or values.

Command Modes

Service node group configuration

Device Modes

appnav-controller

Examples

The following example shows how to configure a WNG description:

```
ANC(config)# service-insertion service-node-group LondonNodeGroup
ANC(config-sng)# description London branch node group
```

Related Commands

(config-sng) service-node

(config) service-insertion

show service-insertion

(config-sng) service-node

To configure the IP address and description of a WN to be added to the WNG, use the **service-node** service node group configuration command. To unconfigure the IP address or description, use the **no** form of this command.

service-node *ip-address* [**description** *description*]

no service-node *ip-address* [**description** *description*]

Syntax Description

ip-address	Specifies the IP address of a WN to be added to the WNG. The address must be the IP address of the interface on which the WN is to receive traffic from the ANCs.
description *description*	(Optional) Specifies a description of the WN with up to 200 alphanumeric and space characters.

Defaults

No default behavior or values.

Command Modes

Service node group configuration

Device Modes

appnav-controller

Examples

The following example shows how to configure the IP addresses of two WNs in a group:

```
ANC(config)# service-insertion service-node-group LondonNodeGroup
ANC(config-sng)# service-node 10.10.10.15 description London branch node 1
ANC(config-sng)# service-node 10.10.10.16 description London branch node 2
```

Related Commands

(config-sng) description

(config) service-insertion

show service-insertion