Interface name	Adding Spine-node
Method	POST

URI parameter	type	overview	remarks
cluster_id	string	cluster ID	-

option parameter	type	required	overview	remarks
notification_address	string	×	Destination address to notify completion of operation	See "Asynchronous request format" sheet
notification_port	string	×	Destination port to notify completion of operation	

URI	/v1/clusters/{cluster_id}/nodes/spines

message	code	body	type	required	Allow null	Allow empty array	overview	remarks
request	-	node_id	string	○	×		Node ID	Specified by numeric character string
		equipment_type_id	string	○	×		Equipment type ID	-
		host_name	string	○	×		host name	-
		mac_address	string	○	×		MAC address	format: "XX:XX:XX:XX:XX:XX"
		username	string	○	×		login user name	-
		password	string	○	×		login password	-
		provisioning	boolean	○	×		provisioning flag	true: configure by ZTP false: already configured
		snmp_community	string	○	×		SNMP community name	-
		ntp_server_address	string	○	×		NTP server address	-
		breakout	object	×	○		BreakoutIF information	-
		local	object	×	○		BreakoutIF information on adding Spine	-
		breakout_ifs	object[ ]	○	×	×	-	-
		breakout_if_ids	string[ ]	○	×		breakoutIF ID	Specify all breakoutIFs generated by separating one physical IF
		base_if	object	○	×		Information on physical IF to be separated	-
		physical_if_id	string	○	×		Physical IF ID to be separated	-
		division_number	int	○	×		Number to separate	-
		breakout_if_speed	string	○	×		IF speed after separation	-
		opposite	object[ ]	×	○	×	BreakoutIF information of oppsing Leaf	-
		opposite_node_id	string	○	×		Opposite Leaf-node ID	-
		breakout_ifs	object[ ]	○	×	×	-	-
		breakout_if_ids	string[ ]	○	×		breakoutIF ID	Specify all breakoutIFs generated by separating one physical IF
		base_if	object	○	×		Information on physical IF to be separated	-
		physical_if_id	string	○	×		Physical IF ID to be separated	-
		division_number	int	○	×		Number to separate	-
		breakout_if_speed	string	○	×		IF speed after separation	-
		internal_links	object	○	○		Internal link information	Null if there is no internal link don't specify more than one internal link where the Leaf-Spine pair is the
		physical_links	object[ ]	×	○	×	Physical link information	When the internal links are physical
		opposite_node_id	string	○	×		Opposite Leaf-node ID	-
		local_traffic_threshold	double	×	○		Traffic threshold of the internal link IF of the Spine	Gbps
		opposite_traffic_threshold	double	×	○		Traffic threshold of the internal link IF of the opposite Lea	Gbps
		internal_link_if	object	○	×		Internal link information of Spine and opposite Leaf	-
		local	object	○	×		Internal link information of Spine	-
		physical_if	object	×	○		Physical IF information	Either physical IF or Breakout IF is required.
		physical_if_id	string	○	×		Physical IF ID	-
		physical_if_speed	string	○	×		Phsical IF speed	-
		breakout_if	object	×	○		Breakout IF information	Either physical IF or Breakout IF is required.
		breakout_if_id	string	○	×		breakoutIF ID	-
		opposite	object	○	×		Internal link information of opposite Leaf	-
		physical_if	object	×	○		Physical IF information	Either physical IF or Breakout IF is required.
		physical_if_id	string	○	×		Physical IF ID	-
		physical_if_speed	string	○	×		Phsical IF speed	-
		breakout_if	object	×	○		Breakout IF information	Either physical IF or Breakout IF is required.
		breakout_if_id	string	○	×		breakoutIF ID	-
		lag_links	object[ ]	×	○	×	LAG link information	When the internal links are LAG links
		opposite_node_id	string	○	×		Opposite Leaf-node ID	-
		local_traffic_threshold	double	×	○		Traffic threshold of the internal link IF of the Spine	Gbps
		opposite_traffic_threshold	double	×	○		Traffic threshold of the internal link IF of the opposite Lea	Gbps
		member_ifs	object[ ]	○	×	×	Internal link information of Spine and opposite Leaf	When specify multiple menber links
		local	object	○	×		Internal link information of Spine	-
		physical_if	object	×	○		Physical IF information	Either physical IF or Breakout IF is required.
		physical_if_id	string	○	×		Physical IF ID	-
		physical_if_speed	string	○	×		Phsical IF speed	-
		breakout_if	object	×	○		Breakout IF information	Either physical IF or Breakout IF is required.
		breakout_if_id	string	○	×		breakoutIF ID	-
		opposite	object	○	×		Internal link information of opposite Leaf	-
		physical_if	object	×	○		Physical IF information	Either physical IF or Breakout IF is required.
		physical_if_id	string	○	×		Physical IF ID	-
		physical_if_speed	string	○	×		Phsical IF speed	-
		breakout_if	object	×	○		Breakout IF information	Either physical IF or Breakout IF is required.
		breakout_if_id	string	○	×		breakoutIF ID	-
		management_if_address	string	×	○		Management IF address	IPv4 address. Specify the management IF address of the device. If omitted, the contorller automatically pays out.
		management_if_prefix	int	×	○		Management IF prefix	0 to 32 Required if management IF address is specified
response	202	operation_id	string	○	×		ID for acquiring information of asynchronous operation	-
	Refer to the "Error response format" sheet for error response							

Body uses JSON format.

Asynchronous response

message	code	body	type	required	Allow null	Allow empty array	overview	remarks
response	201	node_id	string	○	×		Equipment type ID of adding Spine	-
	Refer to the "Error response format" sheet for error response							

Body uses JSON format.

Substate of asynchronous operation(sub_status)

This interface returns substate of asynchronous operation. Substate is set to "sub_state" of "000103_operation detail acquisition" interface, and notified.

Sub_state
"ztp-feasible": The Leaf to be added is in ZTP executable state. "ztp-infeasible": The Leaf to be added is not in ZTP executable state.