

RUCKUS Edge API & Model Documentation (1.0.4)

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Overview

Rate Limit

For the Edge REST API the following will be true:

- Limits are applied to each tenant.
- A maximum of 200 calls can be made per second.
- Each second 100 calls will be returned to be used.

Edge SD-LAN Service

Manage the SD-LAN services for Edge devices.

Get SD-LAN Service

PATH PARAMETERS

→ sdLanServiceId required	string The ID of SD-LAN Service.
---	--

Responses

> 200 OK
— 400 Bad/malformed request
— 401 Unauthorized
— 403 Forbidden
— 404 Requested resource or related entity not found
— 422 Validation error
— 500 Internal Server Error

GET

/edgeSdLanServices/{sdLanServiceId}

▼

Response samples

200

Content type

application/json

▼

Copy

```
{
  "name": "string",
  "applyTo": "BOTH",
  "tunnelProfileId": "string",
```

```
"tunnelTemplateId": "string",
"id": "string"
}
```

Update SD-LAN Service

PATH PARAMETERS

→ **sdLanServiceId** string
required The ID of SD-LAN Service.

REQUEST BODY SCHEMA: application/json ▼
required

→ **name** string [2 .. 32] characters
required Name of the SD-LAN service.

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /edgeSdLanServices/{sdLanServiceId} ▼

Request samples

Payload

Content type

application/json ▼

Copy

```
{
  "name": "string"
}
```

Response samples

202

Content type

application/json ▼

CopyExpand allCollapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Delete SD-LAN Service

PATH PARAMETERS

sdLanServiceId required	string The ID of SD-LAN Service.
---	--

Responses

- > 202 Accepted
- 400 Bad/malformed request
- 401 Unauthorized
- 403 Forbidden
- 404 Requested resource or related entity not found
- 422 Validation error
- 500 Internal Server Error

DELETE /edgeSdLanServices/{sdLanServiceId}

Response samples

202

Content type

application/json

CopyExpand allCollapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Partial SD-LAN Service

PATH PARAMETERS

→ sdLanServiceId string
required The ID of SD-LAN Service.

REQUEST BODY SCHEMA: application/json
required

→ name string [2 .. 32] characters
required Name of the SD-LAN service.

Responses

> 202 Accepted

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

PATCH /edgeSdLanServices/{sdLanServiceId}

Request samples

Payload

Content type

application/json

Copy

```
{
  "name": "string"
}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Activate Network in SD-LAN

Activate the network in SD-LAN service.

PATH PARAMETERS

sdLanServiceId required	string The ID of SD-LAN Service.
wifiNetworkId required	string The ID of the tunneled network.

REQUEST BODY SCHEMA: application/json

required

isGuestTunnelUtilized	boolean Is this network tunneled to guest edge.
----------------------------------	---

Responses

- > 202 Accepted
- 400 Bad/malformed request
- 401 Unauthorized
- 403 Forbidden
- 404 Requested resource or related entity not found
- 422 Validation error
- 500 Internal Server Error

PUT /edgeSdLanServices/{sdLanServiceId}/wifiNetworks/{wifiNetworkId}

Request samples

Payload

Content type
application/json

Copy

```
{
  "isGuestTunnelUtilized": true
}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Deactivate Network in SD-LAN

Deactivate the network in SD-LAN service.

PATH PARAMETERS

sdLanServiceId required	string The ID of SD-LAN Service.
wifiNetworkId required	string The ID of the tunneled network.

Responses

> 202 Accepted**— 400** Bad/malformed request**— 401** Unauthorized**— 403** Forbidden**— 404** Requested resource or related entity not found**— 422** Validation error**— 500** Internal Server Error**DELETE** /edgeSdLanServices/{sdLanServiceId}/wifiNetworks/{wifiNetworkId}**Response samples****202****Content type**

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null
}
```

```
response : null,  
- "links": [  
+ { ... }  
]  
}
```

Activate Network in SD-LAN for a Specific Venue

Activate the network in SD-LAN service for a specific venue.

PATH PARAMETERS

sdLanServiceId required	string The ID of SD-LAN Service.
venueId required	string The ID of the Venue.
wifiNetworkId required	string The ID of the tunneled network.

REQUEST BODY SCHEMA: application/json 
required

forwardingTunnelProfileId	string The ID of the tunnel profile used for forwarding traffic from the Edge cluster.
--------------------------------------	---

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /edgeSdLanServices/{sdLanServiceId}/venues/{venueId}/wifiNetworks/{w... 

Request samples

Payload

Content type
application/json 

Copy

```
{  
  "forwardingTunnelProfileId": "string"  
}
```

```
forwardingRuleId: string
}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Deactivate Network in SD-LAN for a Specific Venue

Deactivate the network in SD-LAN service for a specific venue.

PATH PARAMETERS

sdLanServiceId	string
required	The ID of SD-LAN Service.
venueId	string
required	The ID of the Venue.
wifiNetworkId	string
required	The ID of the tunneled network.

Responses

> 202 Accepted

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

DELETE /edgeSdLanServices/{sdLanServiceId}/venues/{venueId}/wifiNetworks/... ▾

Response samples

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Create SD-LAN Service

REQUEST BODY SCHEMA: application/json

required

name required	string [2 .. 32] characters Name of the SD-LAN service.
applyTo	string Default: "MY_ACCOUNT" Enum: "BOTH" "MY_ACCOUNT" "MY_CUSTOMERS" Scope where the SD-LAN service is applied to. Supported values: MY_ACCOUNT (current account), MY_CUSTOMERS (managed customers; MSP-EC tenants only), BOTH (current account and managed customers).
tunnelProfileId	string [0 .. 255] characters The tunnel profile identifier of the SD-LAN service.
tunnelTemplateId	string [0 .. 255] characters The tunnel template identifier of the SD-LAN service.

Responses

> 202 Accepted

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

POST /edgeSdLanServices

Request samples

Payload

Content type

application/json

Copy

```
{  "name": "string",  "applyTo": "BOTH",  "tunnelProfileId": "string",  "tunnelTemplateId": "string"}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{  "requestId": "string",  "response": null,  "links": [    + { ... }  ]}
```

Query the Edge Compatibility of Services

Query the compatibility info of Edge by SD-LAN services.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1.1+json

▼

required

→ filters >

required

object (ServiceEdgeCompatibilityFilter)
The filters for querying the services of the compatibility.

Responses

> 200 OK
— 400 Bad/malformed request
— 401 Unauthorized
— 403 Forbidden
— 404 Requested resource or related entity not found
— 422 Validation error

— 500 Internal Server Error

POST /edgeSdLanServices/edgeCompatibilities/query

Request samples

Payload

Content type

application/vnd.ruckus.v1.1+json

Copy Expand all Collapse all

```
{
  - "filters": {
    + "serviceIds": [ ... ]
  }
}
```

Response samples

200

Content type

application/vnd.ruckus.v1.1+json

Copy Expand all Collapse all

```
{
  - "compatibilities": [
    + { ... }
  ]
}
```

Edge Personal Identity Network Service

Manage the Personal Identity Network services for Edge devices.

Get Personal Identity Network Profile

Get personal identity network by id.

PATH PARAMETERS

pinId
required string

Responses

> 200 OK

— 400 Bad/malformed request

— 401 Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

GET /personalIdentityNetworks/{pinId}

Response samples

200

Content type
application/json

Copy Expand all Collapse all

```
{
  "id": "string",
  "name": "string",
  "vxlanTunnelProfileId": "string",
  "networkSegmentConfiguration": {
    "segments": 0,
    "dhcpInfoId": "string",
    "dhcpPoolId": "string"
  },
  "distributionSwitchInfos": [
    + { ... }
  ],
  "accessSwitchInfos": [
    + { ... }
  ]
}
```

Update Personal Identity Network Profile

Updates the personal identity network by unique identifier.

PATH PARAMETERS

pinId
required string

REQUEST BODY SCHEMA: application/json
required

name required	string non-empty
networkSegmentConfiguration > required	object (NetworkSegmentConfiguration)
distributionSwitchInfos >	Array of objects (DistributionSwitchInfo)
accessSwitchInfos >	Array of objects (AccessSwitchInfo)

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /personalIdentityNetworks/{pinId}

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "networkSegmentConfiguration": {
    "segments": 0,
    "dhcpInfoId": "string",
    "dhcpPoolId": "string"
  },
  "distributionSwitchInfos": [
    + { ... }
  ],
  "accessSwitchInfos": [
    + { ... }
  ]
}
```

Response samples

202

Content type
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Delete Personal Identity Network Profile

Delete personal identity network by id.

PATH PARAMETERS

→ pinId
required string

Responses

> 202 Accepted

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

DELETE /personalIdentityNetworks/{pinId}

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Partial Update Personal Identity Network Profile

Partial update of the personal identity network by id.

PATH PARAMETERS

→ pinId
required string

REQUEST BODY SCHEMA: application/json

required

name required	string non-empty
networkSegmentConfiguration > required	object (NetworkSegmentConfiguration)
distributionSwitchInfos >	Array of objects (DistributionSwitchInfo)
accessSwitchInfos >	Array of objects (AccessSwitchInfo)

Responses

> 202 Accepted

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

PATCH /personalIdentityNetworks/{pinId}

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "networkSegmentConfiguration": {
    "segments": 0,
    "dhcpInfoId": "string",
    "dhcpPoolId": "string"
  },
  "distributionSwitchInfos": [
    + { ... }
  ],
  "accessSwitchInfos": [
    + { ... }
  ]
}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Activate Network in Personal Identity Network Profile

Activate the network in personal identity network.

PATH PARAMETERS

pinId required	string
wifiNetworkId required	string The ID of the tunneled network.

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /personalIdentityNetworks/{pinId}/wifiNetworks/{wifiNetworkId}

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
```

```
    "response": null,  
    "links": [  
      + { ... }  
    ]  
  }  
}
```

Deactivate Network in Personal Identity Network Profile

Deactivate the network in personal identity network.

PATH PARAMETERS

pinId required	string
wifiNetworkId required	string The ID of the tunneled network.

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

DELETE /personalIdentityNetworks/{pinId}/wifiNetworks/{wifiNetworkId} ✓

Response samples

202

Content type
application/json

Copy Expand all Collapse all

```
{  
  "requestId": "string",  
  "response": null,  
  "links": [  
    + { ... }  
  ]  
}
```

Retrieve Personal Identity Network Profile

Retrieve list of personal identity network.

QUERY PARAMETERS

page	integer <int32> >= 1 Default: 1 Page index
pageSize	integer <int32> >= 20 Default: 20 The size of the page to be returned

Responses

> 200 OK
— 400 Bad/malformed request
— 401 Unauthorized
— 403 Forbidden
— 404 Requested resource or related entity not found
— 422 Validation error
— 500 Internal Server Error

GET /personalIdentityNetworks

Response samples

200

Content type

application/vnd.ruckus.v1.1+json

Copy Expand all Collapse all

```
{
  "content": [
    + { ... }
  ],
  "paging": {
    "page": 0,
    "pageSize": 0,
    "totalCount": 0
  }
}
```

Create Personal Identity Network Profile

Create personal identity networks.

REQUEST BODY SCHEMA: application/json

required

name required	string non-empty
vxlanTunnelProfileId required	string non-empty
networkSegmentConfiguration > required	object (NetworkSegmentConfiguration)
distributionSwitchInfos >	Array of objects (DistributionSwitchInfo)
accessSwitchInfos >	Array of objects (AccessSwitchInfo)

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

POST /personalIdentityNetworks

Request samples

Payload

Content type

application/json

Copy Expand all Collapse all

```
{
  "name": "string",
  "vxlanTunnelProfileId": "string",
  "networkSegmentConfiguration": {
    "segments": 0,
    "dhcpInfoId": "string",
    "dhcpPoolId": "string"
  },
  "distributionSwitchInfos": [
    + { ... }
  ],
  "accessSwitchInfos": [
    + { ... }
  ]
}
```

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Query Edge Personal Identification Network Service Compatibility Information

Query edge personal identity network service compatibility information.

REQUEST BODY SCHEMA: application/vnd.ruckus.v1.1+json

required

filters >
required

object (ServiceEdgeCompatibilityFilter)

The filters for querying the services of the compatibility.

Responses

> 200 OK

— 400 Bad/malformed request

— 401 Unauthorized

— 403 Forbidden

— 404 Requested resource or related entity not found

— 422 Validation error

— 500 Internal Server Error

POST /personalIdentityNetworks/edgeCompatibilities/query

Request samples

Payload

Content type

application/vnd.ruckus.v1.1+json

Copy Expand all Collapse all

```
{
  - "filters": {
    + "serviceIds": [ ... ]
  }
}
```

Response samples

200

Content type

application/vnd.ruckus.v1.1+json

Copy Expand all Collapse all

```
{
  - "compatibilities": [
    + { ... }
  ]
}
```

Tunnel Profile Template Configuration

Manage the tunnel profile template.

Activate Edge Cluster in Tunnel Profile Template

Activate Edge cluster in tunnel profile template.

PATH PARAMETERS

venueId required	string
clusterId required	string
tunnelTemplateId required	string

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /venues/{venueId}/edgeClusters/{clusterId}/templates/tunnelProfiles/... ▾

Response samples

202

Content type

application/json ▾

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Deactivate Edge Cluster in Tunnel Profile Template

Deactivate Edge cluster in tunnel profile template.

PATH PARAMETERS

venueId required	string
clusterId required	string
tunnelTemplateId required	string

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

DELETE /venues/{venueId}/edgeClusters/{clusterId}/templates/tunnelProfile... ▾

Response samples

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Edge SD-LAN Service Delegation

Manage the delegated SD-LAN services for Edge devices.

Activate Customer in SD-LAN Service

Activate a customer tenant in SD-LAN service.

PATH PARAMETERS

 sdLanServiceId	string
 ecTenantId	string

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

PUT /edgeSdLanServices/{sdLanServiceId}/tenants/{ecTenantId}

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Deactivate Customer in SD-LAN Service

Deactivate a customer tenant in SD-LAN service.

PATH PARAMETERS

 sdLanServiceId required	string
 ecTenantId required	string

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

DELETE /edgeSdLanServices/{sdLanServiceId}/tenants/{ecTenantId} 

Response samples

202

Content type

application/json 

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Activate a Network Template in SD-LAN for a Specific Venue Template

Activate a network template in SD-LAN service for a specific venue template.

PATH PARAMETERS

sdLanServiceId required	string
venueTemplateId required	string
wifiNetworkTemplateId required	string

REQUEST BODY SCHEMA: application/json ▼
required

forwardingTunnelProfileId	string	The ID of the tunnel profile used for forwarding traffic from the Edge cluster.
--------------------------------------	--------	---

Responses

- > 202 Accepted
- 400 Bad/malformed request
- 401 Unauthorized
- 403 Forbidden
- 404 Requested resource or related entity not found
- 422 Validation error
- 500 Internal Server Error

PUT /edgeSdLanServices/{sdLanServiceId}/templates/venues/{venueTemplateI... ▼

Request samples

Payload

Content type
application/json ▼

```
{
  "forwardingTunnelProfileId": "string"
}
```

Copy

Response samples

202

Content type

application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
  "response": null,
  "links": [
    + { ... }
  ]
}
```

Deactivate a Network Template in SD-LAN for a Specific Venue of the Template

Deactivate a network template in SD-LAN service for a specific venue of the template.

PATH PARAMETERS

sdLanServiceId required	string
venueTemplateId required	string
wifiNetworkTemplateId required	string

Responses

> **202** Accepted

— **400** Bad/malformed request

— **401** Unauthorized

— **403** Forbidden

— **404** Requested resource or related entity not found

— **422** Validation error

— **500** Internal Server Error

DELETE /edgeSdLanServices/{sdLanServiceId}/templates/venues/{venueTemplat... ▾

Response samples

202

Content type
application/json

Copy Expand all Collapse all

```
{
  "requestId": "string",
```

```
    "response": null,  
    - "links": [  
      + { ... }  
    ]  
  }  
}
```