

Policy Administration is responsible for the deployment life cycle of policies as well as interworking with the mechanisms required to orchestrate the nodes and containers on which policies run. It is also responsible for the administration of policies at run time; ensuring that policies are available to users, that policies are executing correctly, and that the state and status of policies is monitored

Policy Administration (PAP) API

GET /policy/pap/v1/healthcheck
Perform healthcheck

Implementation Notes

Returns healthy status of the Policy Administration component

Response Class (Status 200)

successful operation

Model | Example Value

```
{
  "name": "string",
  "url": "string",
  "healthy": true,
  "code": 0,
  "message": "string"
}
```

Response Content Type

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

DELETE /policy/pap/v1/pdps/groups/{name}
Delete PDP Group

Implementation Notes

Deletes a PDP Group, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```
{
  "errorDetails": "string"
}
```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string
name	<input type="text" value="(required)"/>	PDP Group Name	path	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

[Try it out!](#)

DELETE /policy/pap/v1/pdps/groups/{name}/versions/{version}

Delete version of a PDP Group

Implementation Notes

Deletes a version of PDP Group, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```

{
  "errorDetails": "string"
}

```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string
name	<input type="text" value="(required)"/>	PDP Group Name	path	string
version	<input type="text" value="(required)"/>	PDP Group Version	path	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

Try it out!

DELETE /policy/pap/v1/pdps/policies/{name}

Delete PDP Policy

Implementation Notes

Deletes a PDP Policy, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```
{
  "errorDetails": "string"
}
```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string
name	<input type="text" value="(required)"/>	PDP Policy Name	path	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

[Try it out!](#)

DELETE /policy/pap/v1/pdps/policies/{name}/versions/{version}

Delete version of a PDP Policy

Implementation Notes

Deletes a version of a PDP Policy, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```
{
  "errorDetails": "string"
}
```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	

Header	Description	Type	Other
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string
name	<input type="text" value="(required)"/>	PDP Policy Name	path	string
version	<input type="text" value="(required)"/>	PDP Policy Version	path	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

Try it out!

POST /policy/pap/v1/pdps

Deploy or update PDP Group

Implementation Notes

Deploys or updates a PDP Group, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```
{
  "errorDetails": "string"
}
```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string

body**(required)****PDP Group Configuration**

body

Model | Example Value

Parameter content type:

```

{
  "name": "string",
  "version": "string",
  "state": "PASSIVE",
  "description": "string",
  "properties": {},
  "pdpSubgroups": [
    {
      "pdpType": "string",
      "supportedPolicyTypes": [
        "string"
      ]
    }
  ]
}

```

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

[Try it out!](#)

POST /policy/pap/v1/pdps/policies

Deploy or update PDP Policies

Implementation Notes

Deploys or updates PDP Policies, returning optional error details

Response Class (Status 200)

successful operation

Model | Example Value

```

{
  "errorDetails": "string"
}

```

Response Content Type

Headers

Header	Description	Type	Other
X-MinorVersion	Used to request or communicate a MINOR version back from the client to the server, and from the server back to the client	string	
X-PatchVersion	Used only to communicate a PATCH version in a response for troubleshooting purposes only, and will not be provided by the client on request	string	
X-LatestVersion	Used only to communicate an API's latest version	string	
X-ONAP-RequestID	Used to track REST transactions for logging purpose	string	format: uuid

Parameters

Parameter	Value	Description	Parameter Type	Data Type
X-ONAP-RequestID	<input type="text"/>	RequestID for http transaction	header	string

Parameter	Value	Description	Parameter Type	Data Type
body	(required)	PDP Policies; only the name and policyVersion are required	body	Model Example Value
	Parameter content type: application/json ▼			<pre>{ "policies": [{ "name": "string", "policyVersion": "string", "policyType": "string", "policyTypeVersion": "string", "properties": "string" }] }</pre>

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

Try it out!

GET /policy/pap/v1/statistics

Fetch current statistics

Implementation Notes

Returns current statistics of the Policy Administration component

Response Class (Status 200)

successful operation

Model | Example Value

Model	Example Value
	<pre>{ "code": 0, "totalPdpCount": 0, "totalPdpGroupCount": 0, "totalPolicyDeployCount": 0, "policyDeploySuccessCount": 0, "policyDeployFailureCount": 0, "totalPolicyDownloadCount": 0, "policyDownloadSuccessCount": 0, "policyDownloadFailureCount": 0 }</pre>

Response Content Type application/json ▼

Response Messages

HTTP Status Code	Reason	Response Model	Headers
401	Authentication Error		
403	Authorization Error		
500	Internal Server Error		

Try it out!

[BASE URL: / , API VERSION: Swagger Server]