

Cluster API



The Cluster API does not support XML format.

Add

Add a new Cluster.

Request Format

Method	POST
URL	<code>/clusters.<format></code>
Request Body	Cluster Request

Response Format

HTTP Status	Response Body	Description
201 Added	NewObjectResponse with ObjectType of <i>Cluster</i>	Cluster added
400 Bad Request		Cluster Request not provided in POST body
400 Invalid Fields	ErrorResponse with details in InvalidFields element	An error in one or more provided fields
401 Unauthorized		Authentication required
500 Other Error		Unknown error

Delete

Remove a Cluster.

Request Format

Method	DELETE
URL	<code>/clusters/<id>.<format></code>
Request Body	

Response Format

HTTP Status	Response Body	Description
200 Deleted		Cluster deleted
400 Invalid Fields		<i>id</i> not provided
401 Unauthorized		Authentication required
404 Cluster Unknown		<i>id</i> not found
500 Other Error		Unknown error

Edit

Edit an existing Cluster.

Request Format

Method	PUT
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URL	/clusters/<id>.<format>
Request Body	Cluster Request

Response Format

HTTP Status	Response Body	Description
200 OK		Cluster updated
400 Bad Request		Cluster Request not provided in POST body
400 Invalid Fields	ErrorResponse with details in InvalidFields element	An error in one or more provided fields
401 Unauthorized		Authentication required
404 Cluster Unknown		<i>id</i> not found
500 Other Error		Unknown error

View (all)

Retrieve all existing Clusters.

Request Format

Method	GET
URL	/clusters.<format>
Request Body	

Response Format

HTTP Status	Response Body	Description
200 OK	Cluster Response	Cluster returned
401 Unauthorized		Authentication required
500 Other Error		Unknown error

View (per CO)

Retrieve Clusters attached to a CO.

Request Format

Method	GET
URL	/clusters.<format>?coid=<id>
Request Body	

Response Format

200 OK	Cluster Response	Clusters returned
401 Unauthorized		Authentication required
404 CO Unknown		<i>id</i> not found
500 Other Error		Unknown error

View (one)

Retrieve an existing Cluster.

Request Format

Method	GET
URL	<code>/clusters/<id>.<format></code>
Request Body	

Response Format

HTTP Status	Response Body	Description
200 OK	Cluster Response	Cluster returned
401 Unauthorized		Authentication required
404 Cluster Unknown		<i>id</i> not found
500 Other Error		Unknown error

Notes

- Response *format* requested is ignored where response is only via HTTP status, but must still be provided.

See Also

- [cm_clusters](#) data model definition