| Interface name | failure notification |
|----------------|----------------------|
| Method | PUT |

URI /v1/MSFcontroller/failure_status

| nessage | code | body | body | | required | Allow null | Allow empty array | overview | remarks |
|---------|------|-------|--------------------|----------|----------|------------|-------------------|---|--|
| | | phys | physical_unit | | × | 0 | | Failure notification information(per physical unit) | - |
| | | r | nodes | object[] | × | 0 | 0 | Node information list | Node failure notification |
| | | | cluster_id | string | 0 | × | | Cluster ID | - |
| | | | fabric_type | string | 0 | × | | Node type(Leaf or Spine) | - |
| | | | node_id | string | 0 | × | | Node ID | = |
| | | | failure_status | string | 0 | × | | Failure status | "up" "down" |
| request | | ir | fs | object[] | × | 0 | 0 | IF information list | IF failure notification |
| | | | cluster_id | string | 0 | × | | Cluster ID | Ī- |
| | | | fabric_type | string | Ö | × | | Node type(Leaf or Spine) | i- |
| | - | | node_id | string | Ö | × | | Node ID | i- |
| | | | if_type | string | 0 | × | | IF type(see remark) | "physical-if":physical-IF "lag-if":LAG IF "breakout-if":breakoutIF |
| | | | if_id | string | 0 | × | | IF ID | - |
| | | | failure_status | string | 0 | × | | Failure status | "up" "down" |
| | | clus | ter_unit | object | × | 0 | | Failure notification information(per cluster unit) | - |
| | | | dusters | object[] | 0 | × | 0 | Cluster information | - |
| | | | cluster_id | string | 0 | × | | Cluster ID | - |
| | | | type | string | 0 | × | | type(see remark) | "edge_point" : edge–point "cluster_link–if" : inter–cluster IF "internal" : internal cluster |
| | | | id | string | × | 0 | | ID(see remark) | Specified "type"'s ID (i.e. if type is edge-point, edge-point i is obtained.) |
| | | | failure_status | string | 0 | × | | Failure status | "up" "down" "warn" |
| | | slice | e_unit | object | × | 0 | | | Not support |
| | | s | slices | object[] | 0 | × | 0 | | |
| | | | slice_type | string | 0 | X | | | |
| | | | slice_id | string | 0 | × | | | |
| | | | cp_ids | string[] | 0 | × | 0 | | |
| | | | failure_status | string | 0 | × | | | |
| | | | reachable_statuses | object[] | 0 | × | 0 | | |
| | | | cp_id | string | 0 | × | | | |
| | | | opposite_type | string | 0 | × | | | |
| | | | opposite_id | string | 0 | × | | | |
| | | | reachable_status | string | 0 | × | | | |
| | 200 | | | | T_ | | _ | | |

Body uses JSON format.