**CSI Manger API**

**기능 1. PVC 생성**

**HTTP**

**POST http:{CSIManger}:1113/create**

**Parameter**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| **pvcName** | **True** | **String** | **PVC Name** |
| **pvcType** | **True** | **String** | **NVMeOF / Gluster** |
| **dupliType** | **True** | **String** | **Replica [1,2,3] / Distribution** |
| **CSIManger** | **True** | **String** | **Kubernetes Master IP** |

**Return**

|  |  |  |
| --- | --- | --- |
| **Result** | **Type** | **Value** |
| **Success** | **JSON** | **{**  **“pvName” : [PV-Name]**  **}** |
| **Fail** | **String** | **Error Message** |

**기능 2. PVC 조회**

**HTTP**

**POST http:{CSIManger:1113}/get**

**Parameter**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| **CSIManger** | **True** | **String** | **Kubernetes Master IP** |

**Return**

|  |  |  |
| --- | --- | --- |
| **Result** | **Type** | **Value** |
| **Success** | **JSON** | **[**  **{**  **“pvc” : [PVC Name]**  **“pvcType” : [Gluster|NVMeOF]**  **“dupliType” : [Replica{1,2,3},Distribution]**  **“subdir” : [“” | “subvol/ce/3d/”]**  **},**  **]** |
| **Fail** | **String** | **Error Message** |

**기능 3. PVC 삭제**

**HTTP**

**POST http://{CSIManger}:1113/delete**

**Parameter**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| **pvcName** | **True** | **String** | **PVC Name** |
| **CSIManger** | **True** | **String** | **Kubernetes Master IP** |

**Return**

|  |  |  |
| --- | --- | --- |
| **Result** | **Type** | **Value** |
| **Success** | **string** | **Success Message** |
| **Fail** | **String** | **Error Message** |

**기능 4. PVC Gluster Subdir Path 조회**

**HTTP**

**POST http://{CSIManger}:1113/getSubdir**

**Parameter**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| **ip** | **True** | **String** | **POD IP** |
| **CSIManger** | **True** | **String** | **Kubernetes Master IP** |

**Return**

|  |  |  |
| --- | --- | --- |
| **Result** | **Type** | **Value** |
| **Success** | **JSON** | **{**  **“data” : [subdir,volName]**  **}** |
| **Fail** | **String** | **Error Message** |