------ Create vFabric (DCIP)

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:34b8f61d-fec5-44c9-911d-a7a6ab3583c4"><CreateVirtualFabric xmlns="urn:kaloom:faas:fabrics"><Name>Altran</Name>

<AdminUserName>admin</AdminUserName>

<AdminUserPassword>\*\*\*\*\*\*</AdminUserPassword></CreateVirtualFabric></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:34b8f61d-fec5-44c9-911d-a7a6ab3583c4" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns:fabrics="urn:kaloom:faas:fabrics">...</rpc-reply>

------ Extract Information of the newly create vFabric (DCIP)

<?xml version="1.0" encoding="UTF-8" standalone="no"?>

<rpc message-id="m-14" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">

<get>

<filter xmlns:ns0="urn:ietf:params:xml:ns:netconf:base:1.0" ns0:type="subtree">

<VirtualFabric xmlns="urn:kaloom:faas:fabrics">

<VFabricID>10</VFabricID>

</VirtualFabric>

</filter>

</get>

</rpc>

------ Extract Management Interface allocated to vFabric (DCIP)

<rpc-reply message-id="m-14" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fed5408d-cef0-42d5-839f-60d198a9b0bf"><get><filter type="subtree">

<top xmlns="urn:kaloom:faas:fabrics">

<VirtualFabric>

<VFabricID/>

<ManagementIPv4Address/>

<Name>Altran</Name>

</VirtualFabric>

</top>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fed5408d-cef0-42d5-839f-60d198a9b0bf" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

------ Extract Participating node-id in the Fabric (DCIP)

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fc74a3b5-4200-47a4-ac3b-8464ba101aca"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID/>

<Name/>

</Node>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fc74a3b5-4200-47a4-ac3b-8464ba101aca" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

------ Rename Termination point with a Name that will be used in the vFabric (DCIP)

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:3747fca1-cde6-4dbe-a94a-41d44cae398f"><edit-config><edit-config>

<config>

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID>68522443-7015-46ea-b9dc-7193795376bc</NodeID>

<TerminationPoint nc:operation="replace">

<TpID>sw1p16s1</TpID>

<Name>N6</Name>

</TerminationPoint>

</Node>

</Fabric>

</config>

</edit-config></edit-config></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:3747fca1-cde6-4dbe-a94a-41d44cae398f" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:8a6017ed-c8a2-4d88-b382-0ae54e6b8cff"><edit-config><edit-config>

<config>

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID>68522443-7015-46ea-b9dc-7193795376bc</NodeID>

<TerminationPoint nc:operation="replace">

<TpID>sw1p17s1</TpID>

<Name>N4-loop</Name>

</TerminationPoint>

</Node>

</Fabric>

</config>

</edit-config></edit-config></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:8a6017ed-c8a2-4d88-b382-0ae54e6b8cff" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:c08004b7-0fb0-4595-9597-f71ca51bf504"><edit-config><edit-config>

<config>

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID>46576b03-b439-48c2-853f-4e96415f3f87</NodeID>

<TerminationPoint nc:operation="replace">

<TpID>sw1p16s1</TpID>

<Name>N3-loop</Name>

</TerminationPoint>

</Node>

</Fabric>

</config>

</edit-config></edit-config></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:c08004b7-0fb0-4595-9597-f71ca51bf504" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:cfafee08-149c-4256-9c4d-7c7a97e964c8"><edit-config><edit-config>

<config>

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID>3a3c3603-f590-4219-9bee-17fe84a04eef</NodeID>

<TerminationPoint nc:operation="replace">

<TpID>sw1p11s1</TpID>

<Name>UPF-sw1p11s1-N3</Name>

</TerminationPoint>

</Node>

</Fabric>

</config>

</edit-config></edit-config></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:cfafee08-149c-4256-9c4d-7c7a97e964c8" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:f4c39f4f-2203-4c1f-af77-c1bafba90871"><edit-config><edit-config>

<config>

<Fabric xmlns="urn:kaloom:faas:fabrics">

<FabricID>666</FabricID>

<Node>

<NodeID>3a3c3603-f590-4219-9bee-17fe84a04eef</NodeID>

<TerminationPoint nc:operation="replace">

<TpID>sw1p27s1</TpID>

<Name>UPF-sw1p27s1-N6</Name>

</TerminationPoint>

</Node>

</Fabric>

</config>

</edit-config></edit-config></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:f4c39f4f-2203-4c1f-af77-c1bafba90871" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

------ Extract tp-id, which will be used to assign the Termination point to the vFabric (DCIP)

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:0d1beacf-522c-4251-aaa1-650dbcc2dbfd"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<Slice>

<TpMapping>

<NodeRef>68522443-7015-46ea-b9dc-7193795376bc</NodeRef>

<TpRef>sw1p16s1</TpRef>

</TpMapping>

</Slice>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:0d1beacf-522c-4251-aaa1-650dbcc2dbfd" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fba2058a-0081-48de-af77-76011265cde1"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<Slice>

<TpMapping>

<NodeRef>68522443-7015-46ea-b9dc-7193795376bc</NodeRef>

<TpRef>sw1p17s1</TpRef>

</TpMapping>

</Slice>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:fba2058a-0081-48de-af77-76011265cde1" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:da284355-44e6-446e-86c1-f85acac5d364"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<Slice>

<TpMapping>

<NodeRef>46576b03-b439-48c2-853f-4e96415f3f87</NodeRef>

<TpRef>sw1p16s1</TpRef>

</TpMapping>

</Slice>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:da284355-44e6-446e-86c1-f85acac5d364" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:97988134-39a5-4178-920c-9e4f93dd9b17"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<Slice>

<TpMapping>

<NodeRef>3a3c3603-f590-4219-9bee-17fe84a04eef</NodeRef>

<TpRef>sw1p11s1</TpRef>

</TpMapping>

</Slice>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:97988134-39a5-4178-920c-9e4f93dd9b17" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:b053bbd9-d3dc-4965-8388-206aba2d2958"><get><filter type="subtree">

<Fabric xmlns="urn:kaloom:faas:fabrics">

<Slice>

<TpMapping>

<NodeRef>3a3c3603-f590-4219-9bee-17fe84a04eef</NodeRef>

<TpRef>sw1p27s1</TpRef>

</TpMapping>

</Slice>

</Fabric>

</filter></get></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:b053bbd9-d3dc-4965-8388-206aba2d2958" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

------ Assign the Termination point to the vFabric (NodeID will be 0) (DCIP)

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:7001f608-3de1-423a-9402-565030f7269c"><AssignTpToVirtualFabric xmlns="urn:kaloom:faas:fabrics"><FabricID>666</FabricID>

<NodeID>0</NodeID>

<TpID>9e170562-e27f-43bd-b0c7-500ad24c1dc0</TpID>

<ToVirtualFabric>10</ToVirtualFabric></AssignTpToVirtualFabric></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:7001f608-3de1-423a-9402-565030f7269c" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:da3c61e1-d824-4adf-be80-fe4208ed0b46"><AssignTpToVirtualFabric xmlns="urn:kaloom:faas:fabrics"><FabricID>666</FabricID>

<NodeID>0</NodeID>

<TpID>735359f0-29cc-4942-a044-708d062be9b7</TpID>

<ToVirtualFabric>10</ToVirtualFabric></AssignTpToVirtualFabric></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:da3c61e1-d824-4adf-be80-fe4208ed0b46" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:853f6271-fda4-4fe6-aea0-f20b62380e10"><AssignTpToVirtualFabric xmlns="urn:kaloom:faas:fabrics"><FabricID>666</FabricID>

<NodeID>0</NodeID>

<TpID>13a22056-ed4a-4e79-a6fd-9845d7024241</TpID>

<ToVirtualFabric>10</ToVirtualFabric></AssignTpToVirtualFabric></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:853f6271-fda4-4fe6-aea0-f20b62380e10" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>

<?xml version="1.0" encoding="UTF-8"?><nc:rpc xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:1e83ef41-74bc-446d-9766-ff52b55cf9e9"><AssignTpToVirtualFabric xmlns="urn:kaloom:faas:fabrics"><FabricID>666</FabricID>

<NodeID>0</NodeID>

<TpID>a17c9f0f-66c0-4069-a1c7-80426890c611</TpID>

<ToVirtualFabric>10</ToVirtualFabric></AssignTpToVirtualFabric></nc:rpc>

<rpc-reply xmlns:nc="urn:ietf:params:xml:ns:netconf:base:1.0" message-id="urn:uuid:1e83ef41-74bc-446d-9766-ff52b55cf9e9" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">...</rpc-reply>