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| Use Case Description | * Create a zone to host a Gen-Z cluster within a composable DC fabric |
| Actors | * Fabric Manager, Resource Manager, Composer, Administrator |
| Description | * Use Redfish Composition to allocate a zone object to define a virtual, private network within a larger fabric |
| Comments | * Network available for memory semantics |
| Input Data | * list of zone members requested * zone members security restrictions |
| Preconditions | * Desired list of members that have been validated to be available |
| Postconditions | * Resource zone complete with sane membership * List of Zone members succeeded and failed, as an error HTTP 400 * Zone creation success |
| Trigger | * Fabric Manager is requested to create a zone with a certain list of members * OFMF parse a Create Zone HTTP request |
| Normal Flow | * Call is requested to Fabric Manager create a zone with a certain list of members: client * Using Redfish Composer, create a fabric zone object: OFMF * Fill in the resources to be contained in the zone: OFMF * Read member interfaces: OFMF * Calculate a new route table: OFMF * Alter the hardware to match the requested zone change: Fabric Management layer and OFMF as a Redfish translator * Using Redfish Composer, commit the zone changes: OFMF * Report Composer Zone success * Update list of associated members * Update list of non-associated members * Post the Redfish zone object to the OFMF’s resource tree * Respond to client with success * Respond to client with Zone Object members |
| Alternate Flow 1 | * Zone creation failure reason why it failed, with HTTP 400. |
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