

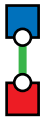






# Utility Network Error Management

## Subnetwork Error Quick Reference

Error Type	Error Description	Resolution
 Invalid Equipment	24, 26, 40, 41, and 42 Invalid feature was discovered during update subnetwork.	<ol style="list-style-type: none"> <li>If the affected features have been drawn correctly and should be allowed to participate in this tier of the network, then your geodatabase administrator can <b>update your subnetwork definition</b> to allow them to participate in this tier.</li> <li>If you determine that the features have an incorrect asset group / asset type, then you should <b>correct their classification</b>.</li> <li>If the features are correctly classified and should not participate in this tier, then you will need to correct your data to <b>prevent them from participating in this tier</b>.</li> </ol>
 Disjoint Network	28 - Disjoint subnetwork discovered during update subnetwork.	<ol style="list-style-type: none"> <li>If the features connected to each controller should be a single subnetwork you will need to <b>determine why they aren't connected</b> and correct the data.</li> <li>If the features connected to each controller are different subnetworks and are isolated from each other, you should <b>update the subnetwork names</b> to be unique.</li> <li>If you want to allow disjoint subnetworks to have the same name, then your geodatabase administrator can <b>update your subnetwork definition</b> for this tier to support disjoint subnetworks.</li> </ol>
 Inconsistent Network Controller	29 - Inconsistent subnetwork name on multiple subnetwork controllers in the same subnetwork discovered during update subnetwork.	<ol style="list-style-type: none"> <li>If the features connected to each controller should be a single subnetwork you should <b>update the subnetwork names</b> associated with each controller to be match.</li> <li>If the features connected to each controller are different subnetworks and should be isolated from each other, you will need to determine why they are connected and update your data to <b>isolate the networks</b>.</li> <li>If only one of the controllers is active but they have different names then you will need to either <b>isolate the backup controller</b> from the active controller, or you will need to set the backup controller to <b>not be a subnetwork controller</b>.</li> </ol>
 Not Connected	Quality Assurance Process	<ol style="list-style-type: none"> <li>If the affected feature is not active or does not need to participate in a subnetwork, then this is <b>not an issue</b>.</li> <li>If the affected feature should participate in a subnetwork, then you should <b>review the condition barriers and propagators</b> associated with your subnetwork to determine why the subnetwork was unable to reach the feature.</li> </ol>
 No Parent Subnetwork	Quality Assurance Process (Hierarchical Only)	<ol style="list-style-type: none"> <li>If the affected feature is not active or does not need to participate in a parent subnetwork, then this is <b>not an issue</b>.</li> <li>If the affected feature should participate in a parent subnetwork, then you will need to determine why the parent subnetwork was <b>unable to reach the current feature</b>.</li> </ol>
 Inconsistent Parent Subnetworks	Quality Assurance Process	<ol style="list-style-type: none"> <li>If the affected feature is allowed to participate in multiple parent subnetworks, then this is <b>not an issue</b>.</li> <li>If the affected feature should only participate in a single parent subnetwork, then you will need to determine which system it belongs to and <b>isolate it from the second system</b>.</li> </ol>
 Underserved	Quality Assurance Process (Propagators)	<ol style="list-style-type: none"> <li>If in the field not all the phases of the feature are energized, then this is <b>not an issue</b>.</li> <li>If all the phases on the feature should be energized, then you should look at the path between the feature and its controller to <b>identify and correct the location</b> where phasing has been restricted.</li> </ol>