

# Run a trace route whenever a test failure occurs

## Information:

Environment
<ul style="list-style-type: none"><li>• Dynatrace Portal</li><li>• Trace Route</li><li>• Screen Capture on Error (SCoE)</li></ul>

Solution
<p>Trace Route on Error (TRoE) is a part of the Screen Capture on Error (SCoE) feature. TRoE runs whenever a test page fails because of a network error, without downloading any objects.</p> <p>Network errors might include:</p> <ul style="list-style-type: none"><li>• Server Response Missing Status Line (10001)</li><li>• Network Reset (10052).</li><li>• Socket Connection Reset (10054)</li><li>• Connection Refused (10061)</li><li>• Connection Timeout (11005)</li><li>• Socket Receive Timeout (12000)</li><li>• Unknown Connection error (19999)</li></ul> <p>You can configure Last Mile, Private Last Mile, and Mobile tests to include Trace Route on Error. For Backbone tests, TRoE is included in Screen Capture on Error.</p> <p>You can configure TRoE when you create or edit a test. When you edit a test, the configuration option is in the <b>Basic Settings</b> tab.</p> <ul style="list-style-type: none"><li>• Backbone – Select <b>On</b> for the <b>Screen Capture on Error (SCoE)</b> option. Trace Route on Error is included in the SCoE.</li><li>• Last Mile – Select <b>Trace Route on Error</b> for the <b>Set Trace Route</b> option.</li><li>• Private Last Mile – Select <b>Trace Route on Error</b> for the <b>Set Trace Route</b> option.</li><li>• Mobile – For tests that run on the <b>Mobile</b> carrier network, select <b>Screen Capture on Error (SCoE)</b>; as with Backbone tests, TRoE is included in Screen Capture on Error. The option for tests that run on the Backbone or Last Mile network is the same as for those test types.</li></ul> <p>For information about creating or editing tests, see <a href="#">Adding Tests</a> or <a href="#">Editing Tests</a> in the documentation.</p>