Terminating Discovery

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1 Overview

SAS references are to sas-r03d.

The discover process described in 4.6.11.5, though no longer mandatory following every BROADCAST (CHANGE), is easily interpreted to require that once begun, it shall be pursued blindly to completion despite any indication (e.g., arrival of another BROADCAST (CHANGE)) that its continuation may be based on obsolete information. This proposal is to explicitly allow termination of the discover process prior to its completion in such cases.

2 Instructions to editor

At the end of 4.6.11.5, change

The result of the discover process is that the application client has the necessary information to communicate with each device in the SAS domain and each configurable expander device is configured with the expander route entries to allow routing of connection requests through the SAS domain.

Annex I contains an example algorithm used by an application client to perform the discover process.

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The result of the discover process is that the application client has the necessary information to communicate with each device in the SAS domain and each configurable expander device is configured with the expander route entries to allow routing of connection requests through the SAS domain.

The discover process may be terminated prior to completion if there is an indication that it may be based on obsolete information (e.g., arrival of a BROADCAST (CHANGE)).

Annex I contains an example algorithm used by an application client to perform the discover process.