

Depending on your network type, you should consider setting HAD_CONNECTION_TIMEOUT and MESSAGES_PER_STATE_FACTOR configuration parameters as suggested in the following table

Parameters	HAD_CONNECTION_TIMEOUT	MESSAGES_PER_STATE_FACTOR
Network type		
For LAN	2	2
For fast WAN	3	2
For normal WAN	3	3
For slow WAN	4	3
For very slow WAN	4	4

The upper bound for HAD stabilization time after a failure of one of the HAD leaders (which includes detection of the failure and election of the new leader) is calculated according to the formula:

$$3 \cdot \text{MESSAGES_PER_STATE_FACTOR} \cdot (2 \cdot \text{HAD_CONNECTION_TIMEOUT} \cdot \#\text{HADs} + 1),$$

which makes the stabilization time

Parameters	General (in seconds)	2 HADs (in seconds)	3 HADs (in seconds)
Network type			
For LAN	$6 \cdot (4 \cdot \#\text{HADs} + 1)$	54	78
For fast WAN	$9 \cdot (4 \cdot \#\text{HADs} + 1)$	81	117
For normal WAN	$9 \cdot (6 \cdot \#\text{HADs} + 1)$	117	171
For slow WAN	$12 \cdot (6 \cdot \#\text{HADs} + 1)$	156	228
For very slow WAN	$12 \cdot (8 \cdot \#\text{HADs} + 1)$	204	300