**4.1.12 MCAPI\_NODE\_DISCONNECT (ABB Extension)**

**NAME**

mcapi\_node\_disconnect – Disconnect node channels and endpoints.

**SYNOPSIS**

#include <mcapi\_abb.h>

void mcapi\_node\_disconnect( MCAPI\_IN mcapi\_domain\_t domain\_id, MCAPI\_IN mcapi\_node\_t node\_id, MCAPI\_OUT mcapi\_config\_t\* config, MCAPI\_IN mca\_timeout\_t timeout, MCAPI\_OUT mcapi\_status\_t\* mcapi\_status

);

**DESCRIPTION**

mcapi\_node\_disconnect()makes the necessary runtime calls to disconnect the channels and release the endpoints for the MCAPI node specified by domain\_id and node\_id. The call to mcapi\_node\_disconnect must be preceded by a successful call first to mcapi\_node\_collect to obtain the configuration and then mcapi\_node\_connect for this node. The mcapi\_node\_disconnect routine waits for the connections to be rundown, and returns with an status error if the timeout is exceeded.

**RETURN VALUE**

On success, \*mcapi\_status is set to MCAPI\_SUCCESS. On error, \*mcapi\_status is set to the appropriate error code defined below.

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| **ERRORS** |  |  |
| MCAPI\_TIMEOUT | The MCAPI remote endpoints were not allocated in the specified time limit. |  |
| MCAPI\_ERR\_NODE\_INVALID | The parameter is not a valid node | |
| MCAPI\_ERR\_NODE\_CONFFAILED | The node endpoints or channels could not be configured | |
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