

# Test Description: 2-10Gbps Enterprise Ethernet Trial Program

Version: 1.0 | Date of issue: 8 March 2022

**This Test Agreement is a Standard Form of Access Agreement for the purposes of Part XIC of the Competition and Consumer Act 2010 (Cth).**

- A. This document is a Test Description for the purposes of the Framework Agreement between **nbn** and RSP.
- B. This Test Description, together with the Standard Test Terms, forms the Test Agreement for the Test.
- C. If RSP wishes to participate in the Test, RSP must notify **nbn** of its intention to participate during the related Expressions of Interest process.
- D. To be eligible to participate in the Test, RSP must satisfy the following conditions (**Eligibility Criteria**):
  - be party to the latest version of the Wholesale Broadband Agreement and be in good financial standing under that agreement; and
  - have been selected to participate in the Test through the related Expression of Interest or other selection process.
- E. If checked by **nbn**, the following provisions in the Standard Test Terms apply:
  - (Requirements for Test End User Contracts) clause 7(a)(iii) applies; and
  - (Marketing-related disclosures) clause 12 applies.
- F. The particulars of this Test are set out in the table below:

#	Item	Details
1.	Name of Test	2-10Gbps Enterprise Ethernet Trial Program
2.	Description of the Test	During this Test <b>nbn</b> will be testing: <ul style="list-style-type: none"> <li>(a) the performance of the Bandwidth Profile Test Products and the B-NTD Test Product; and</li> <li>(b) the process for:               <ul style="list-style-type: none"> <li>i. conducting installation activities to Eligible Premises for the Bandwidth Profile Test Products and the B-NTD Test Product (including the Order and Enterprise Ethernet Quote process) which will be conducted in accordance with the existing framework for <b>nbn</b><sup>TM</sup> Enterprise Ethernet Products as set out in the WBA (the <b>Installation Activities</b>);</li> <li>ii. activating the Bandwidth Profile Test Products and the B-NTD Test Product which will be conducted in accordance with the existing framework for <b>nbn</b><sup>TM</sup> Enterprise Ethernet Products as set out in the WBA including the issuing of Connect Orders, Modify Orders, and Disconnect Orders (the <b>Activation Activities</b>); and</li> <li>iii. assuring the Bandwidth Profile Test Products and the B-NTD Test Product, which will be conducted in accordance with the existing framework for <b>nbn</b><sup>TM</sup> Enterprise Ethernet Products as set out in the WBA</li> </ul> </li> </ul>

#	Item	Details																																											
		<p>including the lodgement and resolution of Trouble Tickets (the <b>Assurance Activities</b>).</p> <p>Without limiting anything set out in the Standard Test Terms, RSP acknowledges and agrees that although the purpose of this Test is to see if <b>nbn</b> can supply the Test Products in accordance with the existing framework in the WBA, <b>nbn</b> provides no warranty, guarantee or representation that it will be able to supply the Test Products in accordance with the framework set out in WBA. Furthermore, the provision of the Test Products will be subject to the Test Plan which may set out variations to the framework in the WBA for the purpose of the Test Products.</p>																																											
3.	Description of the Test Product	<p>The Test Products for this Test will be:</p> <p>(1) The following new bandwidth profiles, which will be made available to RSP across CoS-L, CoS-M and CoS-H:</p> <table border="1"> <thead> <tr> <th rowspan="2">Bandwidth (Mbps)</th> <th colspan="3">Class of Service</th> </tr> <tr> <th>Low</th> <th>Medium</th> <th>High</th> </tr> </thead> <tbody> <tr> <td>2,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>3,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>4,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>5,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>6,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>7,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>8,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>9,000</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> <tr> <td>10,000*</td> <td>Available</td> <td>Available</td> <td>Available</td> </tr> </tbody> </table> <p><i>* The 10,000 Mbps bandwidth profile for all Classes of Service will operate at less than 10,000 Mbps, with theoretical information rates of 9970 Mbps at 9000 Frame Size bytes at a Layer 2 information rate because of normal equipment and network overheads. The maximum achievable Layer 2 information rate and associated frame sizes is subject to further testing by <b>nbn</b> (including as part of this Test).</i></p> <p>(each bandwidth profile and each Class of Service together being the <b>Bandwidth Profile Test Products</b>, and a bandwidth profile and a Class of Service being a <b>Bandwidth Test Product</b>).</p> <p>(2) A new B-NTD variant (the <b>B-NTD Test Product</b>) which consists of:</p> <ol style="list-style-type: none"> <li>1x 10Gbps UNI-E port which will be made available with an optical interface (SFP) to RSP; and</li> <li>other optical and electrical interfaces may be included in the B-NTD Test Product but will not be made available to RSP as a part of this Test.</li> </ol> <p>(3) The Installation Activities, the Activation Activities, and the Assurance Activities. (together, each of the three items above are the <b>Test Products</b> for this Test)</p>	Bandwidth (Mbps)	Class of Service			Low	Medium	High	2,000	Available	Available	Available	3,000	Available	Available	Available	4,000	Available	Available	Available	5,000	Available	Available	Available	6,000	Available	Available	Available	7,000	Available	Available	Available	8,000	Available	Available	Available	9,000	Available	Available	Available	10,000*	Available	Available	Available
Bandwidth (Mbps)	Class of Service																																												
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4.	Test Period	3 May 2022 – 30 June 2022																																											

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5.	Location for the Test (if applicable)	<p>RSP must procure one or more End Users (up to a maximum of 9 End Users) to participate in this Test, and provided that such End Users meet the following criteria:</p> <ul style="list-style-type: none"> <li>the End Users must be located at a maximum of three Premises; and</li> <li>the relevant Premises must be located within one of the exchange sites listed below:</li> </ul> <table border="1"> <thead> <tr> <th colspan="5">Exchange sites</th> </tr> </thead> <tbody> <tr> <td>2CBT</td> <td>2HMK</td> <td>2RIV</td> <td>3KEY</td> <td>3KAL</td> </tr> <tr> <td>2LIV</td> <td>2HOM</td> <td>3CTN</td> <td>3MLT</td> <td>3CAU</td> </tr> <tr> <td>2BLK</td> <td>2PTH</td> <td>3TMN</td> <td>3BAC</td> <td></td> </tr> </tbody> </table> <p>(each such Premises being an <b>Eligible Location</b> for the purposes of this Test)</p> <p>End Users who are being provided with an <b>nbn</b><sup>™</sup> Enterprise Ethernet Product in accordance with the terms of the WBA at the same time as a Test Product in accordance with this Test Agreement, will be provided with:</p> <ul style="list-style-type: none"> <li>a separate line for the Test Products (which, unless otherwise specified in the Test Plan) will be installed in accordance with the process set out in the WBA); and</li> <li>a separate Business - Network Termination Device (B-NTD) for the Test Products (more on the B-NTD below) which will be connected to each Premises being supplied with a Test Product with no modification or disruption to the existing <b>nbn</b><sup>™</sup> Enterprise Ethernet Product being provided to those End Users.</li> </ul>	Exchange sites					2CBT	2HMK	2RIV	3KEY	3KAL	2LIV	2HOM	3CTN	3MLT	3CAU	2BLK	2PTH	3TMN	3BAC	
Exchange sites																						
2CBT	2HMK	2RIV	3KEY	3KAL																		
2LIV	2HOM	3CTN	3MLT	3CAU																		
2BLK	2PTH	3TMN	3BAC																			
6.	Test Plan (if applicable)	To be provided by <b>nbn</b> to RSP																				
7.	Operational procedures (if applicable)	<p>Without limiting what is set out in the Test Plan or the Standard Test Terms, RSP acknowledges and agrees that it must:</p> <ol style="list-style-type: none"> <li>work with <b>nbn</b> to select the appropriate Bandwidth Profile Test Product for each Eligible Location, which may include providing <b>nbn</b> with such information as may reasonably be requested from time to time in connection with the performance of a Bandwidth Profile Test Product at that Eligible Premises;</li> <li>provide at least 5 Business Days written notice to <b>nbn</b> requesting a change to the Bandwidth Profile Test Product supplied to an Eligible Location (for clarity, this obligation applies in addition to the requirement to follow the existing framework for submitting Modify Orders for <b>nbn</b><sup>™</sup> Enterprise Ethernet Products);</li> <li>promptly provide all assistance reasonably requested by <b>nbn</b> to facilitate the installation of the Test Products, and the testing and evaluation of those Test Products (which may include providing any information reasonably requested by <b>nbn</b> to understand the installation requirements at an Eligible Location); and</li> <li>promptly execute any test cases notified by <b>nbn</b> to RSP from time to time (including as may be set out in the Test Plan) during the Test Period.</li> </ol> <p>RSP acknowledges and agrees, that notwithstanding anything to the contrary in this Test Agreement, while <b>nbn</b> will take into consideration the input of the RSP, <b>nbn</b> at all times retains discretion on which Bandwidth Profile Test Product will be supplied to which Eligible Location.</p>																				

#	Item	Details
8.	Other instructions, policies and procedures (if applicable)	<p>All parts of this Test, including the provision of all Test Products, will be provided free of charge to RSPs for the duration of the Test.</p> <p>At the end of the Test Period, all Test Products will be disconnected by <b>nbn</b>. In accordance with clause 7 of the Standard Test Terms it will be the responsibility of RSP to ensure that the End User is aware of this disconnection right. If RSP would like to order a replacement for a disconnected Test Product, RSP will need to place a new order in accordance with the terms of its WBA.</p> <p>B-NTD Test Products will be collected by <b>nbn</b> Personnel at the end of the Test Period. In accordance with clause 7 of the Standard Test Terms, RSP agrees to provide all assistance reasonably requested by <b>nbn</b> in connection with the collection of the B-NTD Test Product.</p>
9.	Supply of Downstream Products to End Users	RSP will not be entitled to use the Test Product as an input into the supply of Downstream Products
10.	Supply through third parties (including downstream service providers)	For the purpose of clause 7(c) of the Standard Test Terms, RSP is not permitted to fulfil its obligations in relation to this Test through any downstream service providers and/or third parties.
11.	<b>nbn</b> <sup>TM</sup> Downstream Network Boundary	The UNI used to serve a Premises
12.	<b>nbn</b> <sup>TM</sup> Upstream Network Boundary	As described in paragraph (b) of the definition of " <b>nbn</b> <sup>TM</sup> Network Boundaries" in the WBA
13.	Permitted Purposes for Test Information	No Permitted Purposes in addition to those set out in the Standard Test Terms will apply for the purposes of this Test.
14.	Survival of specific provisions of this Test Description	Not applicable
15.	Other special conditions for this Test (if applicable)	Not applicable
16.	RSP acknowledgements	<p>RSP warrants and agrees that:</p> <ul style="list-style-type: none"> <li>RSP has made and has relied on its own investigations, enquiries, knowledge and expertise in respect of the Test Agreement, the Test and each Test Product and its own evaluation of any material provided by <b>nbn</b> to RSP or its Personnel;</li> <li><b>nbn</b> has not made, and no Personnel of <b>nbn</b> have made, any warranty as to the performance of any Test Product to RSP or its Personnel;</li> <li>RSP is not entering into the Test Agreement in reliance on, and it will not rely on, any statement of opinion, statement of intention or any other warranty, representation or other statement made or purporting to be made by or on behalf of <b>nbn</b> or its or their Personnel, other than as expressly set out in the Test Agreement;</li> <li>RSP has had the benefit of independent legal, financial and technical advice relating to its proposed participation in the Test and its entry into this Test Agreement; and</li> <li>as part of its investigations and enquiries in respect of the Test, each Test Product and the Test Agreement, RSP or its representatives have had access to all documents and information they have requested from <b>nbn</b> or its Personnel.</li> </ul>

#	Item	Details
17.	Definitions	<p>Any capitalised term used in this Test Description which is not defined in this section 17 or the Standard Test Terms will have the meaning given to that term in the WBA.</p> <p><b>Activation Activities</b> has the meaning given to that term in row 2 of this Test Description.</p> <p><b>Assurance Activities</b> has the meaning given to that term in row 2 of this Test Description.</p> <p><b>Bandwidth Profile Test Products</b> has the meaning given to that term in row 3 of this Test Description.</p> <p><b>B-NTD Test Product</b> has the meaning given to that term in row 3 of this Test Description.</p> <p><b>Eligible Location</b> has the meaning given to that term in row 5 of this Test Description.</p> <p><b>Installation Activities</b> has the meaning given to that term in row 2 of this Test Description.</p> <p><b>Test Products</b> has the meaning given to that term in the Standard Test Terms and as further clarified in row 3 of this Test Description.</p>

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