

# [MS-NCNBI]: Network Controller Northbound Interface Specification

This topic lists the Errata found in the MS-NCNBI document since it was last published. Since this topic is updated frequently, we recommend that you subscribe to these RSS or Atom feeds to receive update notifications.



[RSS](#)



[Atom](#)

Errata are subject to the same terms as the Open Specifications documentation referenced.

Errata below are for Protocol Document Version V6.0 – 2018/09/12.

Errata Published*	Description																			
2018/12/17	<p>In several sections throughout this document, missing element Type designations have been added to existing element or header tables. For example, in Section 2.2.1.2, Request Headers, the text in <b>bold</b> has been added to the existing table as shown below.</p> <table border="1"><thead><tr><th>Header</th><th>Section</th><th>Type</th><th>Description</th></tr></thead><tbody><tr><td>Content-Type</td><td>2.2.1.1</td><td><b>Required or Optional Required for PUT, must be "application/json; charset=UTF-8". Optional for GET or Delete</b></td><td>The content type of the payload.</td></tr></tbody></table> <p>In the following sections, the added Type designations are shown in <b>bold</b>.</p> <p>2.2.2, Common JSON Elements</p> <table border="1"><tbody><tr><td>resourceId</td><td><b>Optional or Required When optional for ancestor resource, then required for descendant resource. See section 2.2.3.</b></td></tr><tr><td>resourceRef</td><td><b>Read-only Optional or Required See section 1.3.3.2.</b></td></tr><tr><td>properties.etag</td><td><b>Read-only</b></td></tr><tr><td>properties.provisioningState</td><td><b>Read-only</b></td></tr></tbody></table> <p>3.1.5.1 accessControlLists</p>				Header	Section	Type	Description	Content-Type	2.2.1.1	<b>Required or Optional Required for PUT, must be "application/json; charset=UTF-8". Optional for GET or Delete</b>	The content type of the payload.	resourceId	<b>Optional or Required When optional for ancestor resource, then required for descendant resource. See section 2.2.3.</b>	resourceRef	<b>Read-only Optional or Required See section 1.3.3.2.</b>	properties.etag	<b>Read-only</b>	properties.provisioningState	<b>Read-only</b>
Header	Section	Type	Description																	
Content-Type	2.2.1.1	<b>Required or Optional Required for PUT, must be "application/json; charset=UTF-8". Optional for GET or Delete</b>	The content type of the payload.																	
resourceId	<b>Optional or Required When optional for ancestor resource, then required for descendant resource. See section 2.2.3.</b>																			
resourceRef	<b>Read-only Optional or Required See section 1.3.3.2.</b>																			
properties.etag	<b>Read-only</b>																			
properties.provisioningState	<b>Read-only</b>																			

Errata Published*	Description																																						
	<table border="1"> <tr> <td data-bbox="474 261 964 304">configurationState.id</td><td data-bbox="964 261 1429 304"><b>Optional Read-only</b></td></tr> <tr> <td data-bbox="474 304 964 346">virtualNetworkInterfaceErrors</td><td data-bbox="964 304 1429 346"><b>Optional Read-only</b></td></tr> </table>	configurationState.id	<b>Optional Read-only</b>	virtualNetworkInterfaceErrors	<b>Optional Read-only</b>																																		
configurationState.id	<b>Optional Read-only</b>																																						
virtualNetworkInterfaceErrors	<b>Optional Read-only</b>																																						
	<p>3.1.5.5.3 frontendIPConfigurations</p> <table border="1"> <tr> <td data-bbox="474 494 1290 536">configurationState.vipEndpointStates</td><td data-bbox="1290 494 1429 536"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 536 1290 578">configurationState.vipEndpointStates.vipEndpoint</td><td data-bbox="1290 536 1429 578"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 578 1290 620">configurationState.vipEndpointStates.dipEndpointStates</td><td data-bbox="1290 578 1429 620"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 620 1290 663">configurationState.vipEndpointStates.dipEndpointStates.dipEndpoint</td><td data-bbox="1290 620 1429 663"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 663 1290 705">configurationState.vipEndpointStates.dipEndpointStates.hostIPAddress</td><td data-bbox="1290 663 1429 705"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 705 1290 747">configurationState.vipEndpointStates.dipEndpointStates.hostId</td><td data-bbox="1290 705 1429 747"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 747 1290 789">configurationState.vipEndpointStates.dipEndpointStates.AdapterId</td><td data-bbox="1290 747 1429 789"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 789 1290 832">configurationState.vipEndpointStates.dipEndpointStates.ProbeRule</td><td data-bbox="1290 789 1429 832"><b>Read-only</b></td></tr> </table> <p>3.1.5.11 networkInterfaces</p> <table border="1"> <tr> <td data-bbox="474 1036 964 1079">dnsSettings</td><td data-bbox="964 1036 1429 1079"><b>Optional</b></td></tr> <tr> <td data-bbox="474 1079 964 1121">dnsSettings.dnsServers</td><td data-bbox="964 1079 1429 1121"><b>Optional</b></td></tr> <tr> <td data-bbox="474 1121 964 1163">ipConfigurations</td><td data-bbox="964 1121 1429 1163"><b>Read-only</b></td></tr> <tr> <td data-bbox="474 1163 964 1248">isHostVirtualNetworkInterface</td><td data-bbox="964 1163 1429 1248"><b>Optional FALSE is default. Cannot be changed after creation.</b></td></tr> <tr> <td data-bbox="474 1248 964 1290">internalDnsNameLabel</td><td data-bbox="964 1248 1429 1290"><b>Optional</b></td></tr> <tr> <td data-bbox="474 1290 964 1332">isPrimary</td><td data-bbox="964 1290 1429 1332"><b>Optional TRUE is default.</b></td></tr> <tr> <td data-bbox="474 1332 964 1374">isMultitenantStack</td><td data-bbox="964 1332 1429 1374"><b>Optional</b></td></tr> <tr> <td data-bbox="474 1374 964 1417">privateMacAddress</td><td data-bbox="964 1374 1429 1417"><b>Optional</b></td></tr> <tr> <td data-bbox="474 1417 964 1459">privateMacAllocationMethod</td><td data-bbox="964 1417 1429 1459"><b>Required</b></td></tr> <tr> <td data-bbox="474 1459 964 1501">serviceInsertionElements</td><td data-bbox="964 1459 1429 1501"><b>Optional Read-only</b></td></tr> </table> <p>3.1.5.14 publicIPAddresses</p> <table border="1"> <tr> <td data-bbox="474 1740 964 1782">dnsSettings</td><td data-bbox="964 1740 1429 1782"><b>Optional</b></td></tr> </table> <p>3.1.5.15 servers</p>	configurationState.vipEndpointStates	<b>Read-only</b>	configurationState.vipEndpointStates.vipEndpoint	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates.dipEndpoint	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates.hostIPAddress	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates.hostId	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates.AdapterId	<b>Read-only</b>	configurationState.vipEndpointStates.dipEndpointStates.ProbeRule	<b>Read-only</b>	dnsSettings	<b>Optional</b>	dnsSettings.dnsServers	<b>Optional</b>	ipConfigurations	<b>Read-only</b>	isHostVirtualNetworkInterface	<b>Optional FALSE is default. Cannot be changed after creation.</b>	internalDnsNameLabel	<b>Optional</b>	isPrimary	<b>Optional TRUE is default.</b>	isMultitenantStack	<b>Optional</b>	privateMacAddress	<b>Optional</b>	privateMacAllocationMethod	<b>Required</b>	serviceInsertionElements	<b>Optional Read-only</b>	dnsSettings	<b>Optional</b>
configurationState.vipEndpointStates	<b>Read-only</b>																																						
configurationState.vipEndpointStates.vipEndpoint	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates.dipEndpoint	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates.hostIPAddress	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates.hostId	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates.AdapterId	<b>Read-only</b>																																						
configurationState.vipEndpointStates.dipEndpointStates.ProbeRule	<b>Read-only</b>																																						
dnsSettings	<b>Optional</b>																																						
dnsSettings.dnsServers	<b>Optional</b>																																						
ipConfigurations	<b>Read-only</b>																																						
isHostVirtualNetworkInterface	<b>Optional FALSE is default. Cannot be changed after creation.</b>																																						
internalDnsNameLabel	<b>Optional</b>																																						
isPrimary	<b>Optional TRUE is default.</b>																																						
isMultitenantStack	<b>Optional</b>																																						
privateMacAddress	<b>Optional</b>																																						
privateMacAllocationMethod	<b>Required</b>																																						
serviceInsertionElements	<b>Optional Read-only</b>																																						
dnsSettings	<b>Optional</b>																																						

Errata Published*	Description										
	<table border="1"> <tr> <td data-bbox="470 297 975 340">connections</td><td data-bbox="975 297 1429 340"><b>Required</b></td></tr> <tr> <td data-bbox="470 340 975 382">connections.credential</td><td data-bbox="975 340 1429 382"><b>Required</b></td></tr> <tr> <td data-bbox="470 382 975 424">connections.credentialType</td><td data-bbox="975 382 1429 424"><b>Required</b></td></tr> <tr> <td data-bbox="470 424 975 466">connections.managementAddresses</td><td data-bbox="975 424 1429 466"><b>Required</b></td></tr> <tr> <td data-bbox="470 466 975 614">certificate</td><td data-bbox="975 466 1429 614"><b>Optional or Required Required only if the certificate used by the server is self-signed.</b></td></tr> </table>	connections	<b>Required</b>	connections.credential	<b>Required</b>	connections.credentialType	<b>Required</b>	connections.managementAddresses	<b>Required</b>	certificate	<b>Optional or Required Required only if the certificate used by the server is self-signed.</b>
connections	<b>Required</b>										
connections.credential	<b>Required</b>										
connections.credentialType	<b>Required</b>										
connections.managementAddresses	<b>Required</b>										
certificate	<b>Optional or Required Required only if the certificate used by the server is self-signed.</b>										
	<p>3.1.5.18 virtualNetworks</p>										
	<table border="1"> <tr> <td data-bbox="470 762 975 804">configurationState.id</td><td data-bbox="975 762 1429 804"><b>Optional Read-only</b></td></tr> <tr> <td data-bbox="470 804 975 846">configurationState.hostErrors</td><td data-bbox="975 804 1429 846"><b>Optional Read-only</b></td></tr> </table>	configurationState.id	<b>Optional Read-only</b>	configurationState.hostErrors	<b>Optional Read-only</b>						
configurationState.id	<b>Optional Read-only</b>										
configurationState.hostErrors	<b>Optional Read-only</b>										
	<p>3.1.5.18.3 virtualNetworkPeerings</p>										
	<table border="1"> <tr> <td data-bbox="470 1005 975 1047">remoteVirtualNetwork</td><td data-bbox="975 1005 1429 1047"><b>Required</b></td></tr> </table>	remoteVirtualNetwork	<b>Required</b>								
remoteVirtualNetwork	<b>Required</b>										
	<p>3.1.5.21 virtualServers</p>										
	<table border="1"> <tr> <td data-bbox="470 1216 975 1258">connections.credential</td><td data-bbox="975 1216 1429 1258"><b>Optional</b></td></tr> <tr> <td data-bbox="470 1258 975 1300">connections.credentialType</td><td data-bbox="975 1258 1429 1300"><b>Optional</b></td></tr> <tr> <td data-bbox="470 1300 975 1343">connections.managementAddresses</td><td data-bbox="975 1300 1429 1343"><b>Optional</b></td></tr> </table>	connections.credential	<b>Optional</b>	connections.credentialType	<b>Optional</b>	connections.managementAddresses	<b>Optional</b>				
connections.credential	<b>Optional</b>										
connections.credentialType	<b>Optional</b>										
connections.managementAddresses	<b>Optional</b>										
	<p>In Section 3.1.5.26, changed from:</p> <table border="1"> <tr> <td data-bbox="470 1469 943 1512">HTTP method</td><td data-bbox="943 1469 1429 1512">Description</td></tr> <tr> <td data-bbox="470 1512 943 1660">PUT</td><td data-bbox="943 1512 1429 1660">Create a new virtualNetworkManager resource or update an existing VirtualGateways resource.</td></tr> <tr> <td data-bbox="470 1660 943 1702">GET</td><td data-bbox="943 1660 1429 1702">Get one virtualNetworkManager resource</td></tr> </table> <p>Changed to:</p>	HTTP method	Description	PUT	Create a new virtualNetworkManager resource or update an existing VirtualGateways resource.	GET	Get one virtualNetworkManager resource				
HTTP method	Description										
PUT	Create a new virtualNetworkManager resource or update an existing VirtualGateways resource.										
GET	Get one virtualNetworkManager resource										

Errata Published*	Description	
	HTTP method	Description
	PUT	Update the virtualNetworkManager singleton resource.
	GET	Get the virtualNetworkManager resource.

\* Date format: YYYY/MM/DD