

Appliance Event Broker Health Checklist

The following is a checklist for checking your appliance event brokers.

Health Check for Solace Appliance Event Broker		Pass	Fail	N/A
Hostname of Appliance (<code>show hostname</code>):				
Date of Health Check:				
1. Support for Broker Appliance and Broker Release				
1.1	The installed broker release (SolOS) is supported.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.2	The chassis product number is supported.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. System Stability				
2.1	System <code>uptime</code> is acceptable (no unexpected restarts).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Last restart reason was expected.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2	No recent <code>SYSTEM_CHASSIS_*</code> events in <code>system.log</code> .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	No recent <code>SYSTEM_SYSTEM_HEALTH_*</code> events in <code>system.log</code> .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3	Power-On Self Test (POST) status is <code>PASSED</code> .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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3: Hardware Status				
3.1	Power module 1 Status is OK.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Power module 2 Status is OK.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2	Network Acceleration Blade (NAB) interfaces are configured correctly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	No SYSTEM_NAB_* events in system.log.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3	Host Bus Adapter (HBA) Fibre-Channel 1 Link State is Link Up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Host Bus Adapter (HBA) Fibre-Channel 2 Link State is Link Up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4	Assured Delivery Blade (ADB) operational State is Up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Assured Delivery Blade (ADB) Mate Link Port 1 is Ok.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Assured Delivery Blade (ADB) Mate Link Port 2 is Ok.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	No SYSTEM_ADB_* events in system.log.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Network Connectivity				
4.1	PTP is configured, has a Status of Enabled, and PTP In-Sync is Yes. NTP is configured and has a Status of Enabled and Reachable is Yes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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4.2	All configured DNS servers have Status of Up.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Message-Spool Status (If Configured)				
5.1	The Config Status is Enabled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	The Operational Status is (AD-Active for standalone appliances or AD-Active/AD-Standby for redundant appliances).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Redundancy Status (If Configured)				
For Active/Active configurations, perform the check for either 6.1A or 6.1B. For 6.1A, perform the procedure when Guaranteed messaging is configured or is not configured.				
6.1A	Perform one of the checks following for Active/Active depending on whether Guaranteed Messaging is configured.			
	For Active/Active Redundancy - Guaranteed Messaging is not Configured.	Appliance 1: Configuration Status is Enabled, Redundancy Status is Up, Redundancy Mode is Active/Active, and Message Spool Status is AD-Disabled/AD-Disabled.	<input type="checkbox"/>	<input type="checkbox"/>

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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Active/Active Redundancy - Guaranteed Messaging is Configured	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.1B	Active/Standby Redundancy Configuration. You can set the check as passed depending on which appliance event broker is Active.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>If the primary appliance event broker is active and the the Configuration, Redundancy, primary/backup virtual router values, and Message Spool statuses on the:</p> <ul style="list-style-type: none"> • primary appliance event brokers: Enabled, Up, Local Active/Shutdown, Redundancy Mode is Active/Standby, and AD-Active, respectively • backup appliance event brokers: Enabled, Up, Shutdown/Local Active, and AD-Disabled, respectively <p>If the standby appliance event broker is active, the Configuration, Redundancy, primary/backup virtual router values, Redundancy Mode is Active/Standby, and Message Spool statuses are as follows:</p> <ul style="list-style-type: none"> • primary appliance" Enabled, Up, and Local Active/Shutdown, and AD-Standby, respectively • backup appliance: Enabled, Up, and Shutdown/Local Active, and AD-Active respectively: 				
6.2	Config-Sync Admin Status is Enabled on both appliance event brokers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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	Config-Sync Oper Status is Up on both appliance event brokers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>