	If you are done editing all configuration modes, configuration by typing:	are done editing all configuration modes, activate the		PRIMARY lan1 5 STANDBY lan2 3	
	/sbin/init.d/hplm stop {optionalfor failover groups} /sbin/init.d/hpapa stop and then /sbin/init.d/hpapa start /sbin/init.d/hplm start {optionalfor failover groups}			You can manually edit this file and change the number of ports in the failover groups, the dead count, or the poll interval.	
				To verify that the configuration in /etc/lanmon/lanconfig.ascii is still valid, type:	
LACP port configuration mode			lancheckconf		
	Optionalset load balancing and apaport key in the /etc/rc.config.d/hp_apaconf file. Example: to configure link aggregate 900 with MAC-based load-balancing and a key of 10, enter: HP_APA_INTERFACE_NAME[0]=lan900 HP_APA_LOAD_BALANCE_MODE[0]=LB_MAC HP_APA_KEY[0]=10 {*see Note 2}			To create the link aggregates specified in the configuration file, type:	
				lanapplyconf	
				This command will create the specified link aggregates in the binary configuration file /etc/lanmon/lanconfig.	
	Edit the link aggregate, the apaport key, and the configuration mode in the <code>/etc/rc.config.d/hp_apaportconf</code> file. Example: to put lan1 and lan2 into link aggregate 900:			Note: if you later want to delete all the link aggregates specified in the /etc/lanmon/lanconfig.ascii configuration file, type:	
				landeleteconf	
	HP_APAPORT_CONFIG_MODE[0]=LACP_AUTO HP_APAPORT_INTERFACE_NAME[1]=lan2 HP_APAPORT_KEY[1]=10		St	Step 5: Verify status of the link aggregates	
				Configuration doesn't require a reboot to take effect. HP APA configuration is complete when you can verify which link aggregates have been formed. Depending on your configuration, there may be 0 or more link aggregates configured. To verify which link aggregates have been configured, type:	
	If you are done editing all configuration modes, activate the configuration by typing: /sbin/init.d/hplm stop {optionalfor failover groups} /sbin/init.d/hpapa stop and then			lanscan	
				or lanscan -v for a long listing	
	/sbin/init.d/hpapa start /sbin/init.d/hplm start {optionalfor failover groups}			The column heading titled Hardware Path will contain the value	
L	LAN_MONITOR port configuration mode			LinkAgg for logical link aggregates. The column heading Hdw State will show the state of the link aggregates. The state should be UP or DOWN. UP indicates that the link aggregation is operational. DOWN	
	Assign an IP address to the primary link by typic ifconfig lan1 192.5.5.138	_		indicates that the link aggregate has been initialized by the product but not configured.	
	To preserve the IP address across reboots, you need to add the IP address for the primary port to /etc/rc.config.d/netconf. (HP-UX 11.0 and 11i only) Edit the failover group and configuration mode in the /etc/rc.config.d/hp_apaportconf file. Example, to put lan1 and lan2 into a failover group: HP_APAPORT_INTERFACE_NAME[0]=lan1 HP_APAPORT_CONFIG_MODE[0]=LAN_MONITOR HP_APAPORT_INTERFACE_NAME[1]=lan2 HP_APAPORT_CONFIG_MODE[1]=LAN_MONITOR			correctly, find the <i>linkaggPPA</i> by doing a <i>lanscan</i> and using one of the values in the column titled Crd In# which corresponds to a	
				link aggregate. Then, type:	
				lanadmin -x -v <i>linkaggPPA</i>	
				NOTE: When using the lanadmin commands, please be aware that the -x and - X are case sensitive. Options used with lower case -x are used to show status, while those used with upper case -X are used to set configuration parameters or modes.	
	Ensure there is a physical connection between the interfaces (lan1, lan2); then, to activate the configuration, type: /sbin/init.d/hplm stop /sbin/init.d/hpapa stop and then /sbin/init.d/hpapa start			For example, to verify the physical ports associated with <i>linkaggPPA</i> 101, type:	
				lanadmin -x -v 101	
	/sbin/init.d/hplm start To query which link aggregates are possible, type: lanqueryconf -s			To verify all the physical ports in all configured link aggregates, type:	
				lanscan -q	
CAUTION: Running lanqueryconf -s will overwrite the original /etc/lanmon/lanconfig.ascii.			This will list the Card Instance number for each physical port as well as the link aggregates. Data similar to the following will be displayed (the example below is for HP-UX 11.0):		
	This command will query the system and network for all possible link aggregates. The results of the query will be placed in the configuration file /etc/lanmon/lanconfig.ascii. This file should contain data similar to:			100 5 6 8 7 101 102 103	
	DE_NAME hpxyz6e			This output says that there are 4 ports in link aggregate 100. The 4 ports are lan5, lan6, lan8, and lan7.	
	DEAD_COUNT	10000000 3 lan900		If no link aggregates are formed, refer to the Troubleshooting section of the online <i>Using HP APA</i> guide.	