## How to Configure SNMPc with Live/Standby backup pairs

SNMPc 7.0 supports resilient network monitoring using Live/Standby servers. You require a valid SNMPc license for each server. For testing purposes the backup server can be the evaluation version as long as it is the same software revision as the primary server.

Before installing the SNMPc Backup server ensure that you know the IP addresses of both the main and the backup server. In this example the IP addresses are:

Primary Server:	207.212.33.140
Backup Server	207.212.33.196

SNMPc uses TCP port 165 to monitor the status of the servers and to update the content of the backup server. You need to enable access for this port on any firewalls that are between the two SNMPc servers.

## **Installing the Backup Server**

Install the backup server as normal. As the server will be operating in a backup capacity you should choose for the network discovery to be disabled when prompted in the installation process.



Once the software has installed select the *Config*, *BackUp/Restore...* menu. In the resulting window enter the IP addresses of the primary and backup servers. As this is the backup server you should unselect *This system is currently polling map objects* and check the *Enable Backup Service* option.

When you select the *OK* button you should see a message in the event viewer saying that the BackUp service is enabled.

Backup/Restore
Backup Directory This directory name must be valid at the server system and at all remote poling agent systems C:\program Res\srmpc network managet\backup
Scheduled Backup  Enable Scheduled Backups Backup at Hour (0-23): Delete Backups Older Than: 7 Days
■ Remote Backup Service       Image Backup Service       Image Backup Service       Image Server Addess:       207.212.33.140       Backup Server Addess:       207.212.33.196       Test Interval:       10       (s)       Test Retire:       3
OK Cancel Help



## **Configuring the Primary server**

Select the *Config, BackUp/Restore...* menu. As before enter the IP address of the primary and backup servers. As this is the primary server ensure that both *Enable Backup Service* and *This system is currently polling map objects* options are checked. It is recommended that the primary server update the backup server with configuration information on a daily basis. You should therefore check *Enable Scheduled Backups*.

Select OK

To test connectivity select the *File/Backup* menu option. Enter a file name in the *BackUp To:* box and select *Backup*.



Backup Files				
Backup To: backupTest				
Existing Backups				
c:\program files\snmpc network manager\backup				
	Setup			
	Delete			
Dealura Dea	an l Hala			

Then select the *History* tab on the event viewer. After a couple of minutes you should see the entry *BackupService: Completed export to Backup Server* on the primary server.

Normal	06/02/2004	16:05:26	localhost	User Administrator at 127.0.0.1 Login OK	•
Normal	06/02/2004	16:16:10	207.212.33.140	Backup Service Enabled	
Normal	06/02/2004	16:19:50	localhost	Discovery/Status Agent Connected to Server	
Normal	06/02/2004	16:20:00	207.212.33.140	Primary Server polling devices	
Info	06/02/2004	16:29:42	207.212.33.140	SnmpcServer: Backup operation completed (c:\program files\snmpc network manager\backup\v73)	
Info	06/02/2004	16:29:43	207.212.33.140	HistoryPoller: Backup operation completed (c:\program files\snmpc network manager\backup\v73)	
Info	06/02/2004	16:30:30	207.212.33.140	BackupService: Completed export to Backup Server	-
	urrent History	Custom 1	Custom 2 👌 Custom 3 👌	Custom 5 Å Custom 5 Å Custom 7 Å Custom 7 Å Custom 8	► I

On the backup server you should see *BackupService: Completed import from Primary Server* 

	Info	06/02/2004	16:26:36	207.212.33.196	HistoryPoller System Info: History reset completed	<b>^</b>
	Normal	06/02/2004	16:28:03	207.212.33.196	Backup Service Enabled	
	Normal	06/02/2004	16:49:16	207.212.33.196	Backup Server not polling devices	
	Info	06/02/2004	16:56:09	localhost	User Administrator at 127.0.0.1 Logout	
	Normal	06/02/2004	16:56:54	localhost	User Administrator at 207.212.33.140 Login OK	
	Info	06/02/2004	16:57:36	207.212.33.196	BackupService: Completed import from Primary Server	-
14		urrent History	Custom 1	Custom 2 👌 Custom 3 👌 (	Custom 4 ) Custom 5 ) Custom 6 ) Custom 7 ) Custom 8 /	

The Live/Standby SNMPc servers are now configured.