其它功能 刘刚 2007-02-12 发表

Veritas NetBackup 5.1从客户端备份Oracle9i数据库

一 组网需求:备份服务器、客户端和存储设备通过交换机互连。二 组网图:

无

2

选择认证方式

三 配置步骤:

1 选择备份对象

在Oracle数据库服务器端打开"Backup, Archive, and Restore"程序,在主界面左侧可以看到Oracle节点,本例中只有1个数据库实例ORABAK,要对其进行保护,则在OR ABAK前面打勾;

DSelect for Backup Select for	Restore 🔹 🐚 View Status 🛛 😰 🤣
<pre> S S C C C C S C C C C C C C C C C C C</pre>	Yan       Y → Archived Logs       Y → Desfiles       Y → Distribution       Y → Distribution

点击界面左侧的Start Backup of Marked Files按钮,进入备份向导模式,选择访问数 据库的认证模式,这里使用OS Authentication,即操作系统认证;

图1

6 00 1 1 1 1 1	1		
C o d d d d d d			
Uracle Authentica	tion		
Password.			
Netgervice name (TN	S Alias)		
Use Oracle BMAN	ecovery catalog		

3 设置归档日志的备份

设定如何备份已归档的重做日志文件。All是备份全部, Ranage是备份某个时间段的日志。如果想在备份后就删除归档日志(这样可以释放存储空间),则在"Delete archiv ed redo logs…"前面打勾。

	Archived Redo Logs Specify archived redo log options.
	Include Archived Redo Logs in Backup
	C Rance
	From: 2006-12-30 - 17:32:42 -
	V 100 2007 1 6 17:32:42
	Delete archived redo logs after they are backed up
	< 上一步 @) 下一步 @) > 取消 帮助
	图3
	设定配置洗项
マ里保持	寺默认即可。
	SIAN Template Generation (Backup)
	Choose a configuration.
	Use the default configuration or an existing template's configuration.
	perturmentation incommentation a
	Default configuration
	Default configuration     Existing template configuration:
	Default configuration     Existing template configuration:     Select a Template:
	Eefault configuration     Existing template configuration:     Select a_template:     Name     Type     Description
	C Existing template configuration:     Select a Template     Name     Type     Description
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	C Existing template configuration:     Select aemplate:     Name Type Description     < 
	● <u>Lefault configuration</u> ● <u>Existing template configuration</u> :   Select a <u>Lemplate</u> ▲ <u>Lemp @</u> <u>Type</u> Description   ▲ <u>Lemp @</u> <u>Feb @</u> <u>R</u> 图4   沒定备份选项
(里保)	● <u>Qefault configuration</u> ● <u>Existing template configuration</u> : Select a <u>_emplate</u> Name Type Description   ( <u>L-步(a)</u> 下一步(a) > 取消 帮助 图4 设定备份选项 寻默认即可。
工工作	● Description         ● Existing template configuration:         Select aemplate:         ● Name         ▼ (上一步 (2)) 下一步 (2))         取消         留4         设定备份选项         寺默认即可。
X里保持	Pefault configuration     Existing template configuration:     Select a _emplate:         Iype Description         ( )         ( _ )         (
立里保持	<ul> <li>● <u>Letaukt configuration</u></li> <li>● <u>Existing template configuration</u>: Select a <u>Lemplate</u></li> <li>Name</li> <li>Type</li> <li>Description</li> <li>(<u>L</u>-步(2))</li> <li>取消 帮助</li> <li>图4</li> <li>设定备份选项</li> <li>封默认即可。</li> <li>         Specify the backup filename format and optionally add an ID for the <u>Property</u></li> </ul>
这里保持	<ul> <li>● <u>Description</u></li> <li>● <u>Existing template configuration</u>: Select a <u>Iemplate</u></li> <li>Name</li> <li>Type</li> <li>Description</li> <li>(<u>L</u>-步(<u>p</u>))</li> <li>取消 帮助</li> <li>(<u>L</u>-步(<u>p</u>))</li> <li>(<u>L</u>-b-b)</li> <li>(<u>L</u>-b-b)</li> <li>(<u>L</u>-b)</li> </ul> <li>(<u>L</u>-b)</li> <li>(<u>L</u>-b)</li> <li>(<u>L</u>-b)</li>
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这里保持	● Description         ● Existing template configuration:         Select aemplate:         ● Name         ● Unique identifiers are required for each backup piece. The backup file name format provided ensures unique identifiers. This format does not need to be changed unless a custom format is desired.         Backup file name format:
这里保讨	● Description         ● Existing template configuration:         Select aemplate:         ● Image: A metric a metr
2里保	● Description         ● Existing template configuration:         Select a [emplate:         ● Image: Image in the i
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这里保持	● Description         ● Existing template configuration:         Select a [emplate:         ● Name         「ype         ● Description         ・         ● <tr< td=""></tr<>
这里保持	● Description   Particle Select aemplate configuration:   Select aemplate:   Name   Type   Description   (上一步(2)下一步(2)取消 報助   图4   设定备份选项   春默认即可。   Backup Options   Specify the backup filename format and optionally add an ID for the period   Set (s)   Unique identifiers: This format does not need to be changed unless a custom format   Sackup file name format:   Nurique identifier:   Backup get identifier:   Backup get identifier:
这里保持	● Details configuration:         Select a _ emplote:         Name       Type         ● Description         ●
2 里保 打	● Details configuration   Petails configuration   Select a configuration:

设定备份前和备份后数据库的状态,备份前可将数据库离线,备份后可将数据库上线,对数据库进行离线的冷备份时需要这样设定,如果是第一次备份数据库,推荐先冷备份。这里均不选,即进行在线备份。

Choose to sto	op and start the database before and after the	backup. 💋
A cold backup require offline prior to the star	es that the database be offline. The database can be autom t of the backup.	atically taker
I ake the databas	se OFFLINE BEFORE the backup starts.	
-		
I Bring the databas	e UNLINE AFTER the backup completes.	
gracle database initia	sization parameter file:	
e:\oracle\ora92\data	abase\initORABAK.ora	Broggise

## 7 设定设定NetBackup配置变量

Backup policy name填写在备份服务器上创建的Oracle备份策略名称(在备份服务器 上创建备份策略的步骤请参考案例《Veritas NetBackup 5.1设置MS SQLServer 2000 的备份策略》,只要第3步选择备份类型时选择Oracle即可,其余步骤均相同),Serv er Name填写备份服务器名称,Schedule name和Client name可以不填,默认就是备 份当前主机上的数据库;

certain configuration variables when a b Any variables set below will be used du	backup is started. ing the backup and their values will have.
precedence over any previous setting. Backup golicy name:	Server name:
oracle-backup	bakserver
Schegule name:	Client name:

图7

8 设定备份时的IO参数

可使用默认参数或根据实际情况设定,这里使用默认选项。

Use RMAN defaults for maximum limit	3
Specify maximum limits (below): Maximum //6 Limits Eleval rate (kblocks/sec): Size of a backup piece (KB) Size of a backup piece (KB) Uniber of goen Files	Masmum Backup Set Limits Number of [Jes per backup set: Sige of the backup set (KB)
1/0 Output	

9 完成备份设定

选择Perform backup immediately...可立即执行备份, Save Template可将之前的设定保存成模板。

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## 10 查看备份进程

备份完成后会显示相关的备份信息,勾上Verbose可以实时刷新备份进程。

Uperation Type	Time Requested	Operation Status	Clos
Backup	2007-1-6 17:50:12	In Progress	<u></u>
Restore	2007-1-5 17:36:52	Successful	Dele
Restore	2007-1-5 13:48:16	Successful	Hel
<u>V</u> erbose Progress:			Print
1			
	ß	210	