

Configuring Backup for Microsoft SQL Server

<https://campus.barracuda.com/doc/43843613/>

You can watch a short video on configuring the Yosemite Server Backup agent for backing up and restoring SQL Server databases.



You can configure any Yosemite Server Backup feature by selecting the object from the **Catalog** view and updating information on its property pages.

1. Select the **Administration** desk bar and open the **Catalog** view.
2. Select **Network**, then select the Microsoft SQL Server on your system.
3. Expand the object until you see a list of database instances.

Switch to the **Folders** view to display a hierarchical tree of the Yosemite Server Backup management domain.

4. Right-click the database instance and display its property pages.
5. Select the **Configuration** command to display the **Configuration** page.

Barracuda Networks recommends that you use the default values on the **Configuration** page.

Setting	Description
User name	Yosemite Server Backup sends this name to Microsoft SQL Server whenever the SQL administrator user name is required. Type the Microsoft SQL administrator name in this field. The default is sa .
Password	Yosemite Server Backup sends this SQL administrator password to Microsoft SQL Server with the SQL administrator's user name whenever required. There is no default value.

<p>Force Modes</p>	<p>As explained in the next section, the Backup mode setting of a backup job affects Microsoft SQL Server database instances differently than file types. The Force Modes settings control how Yosemite Server Backup backs up the database instances.</p> <p>The settings here are only applicable to Microsoft SQL Server database instances; all other file types are backed up in the job’s default mode. For example, if the Backup mode of a job is set to Incremental and the Force modes setting for incremental jobs is set to Full, Yosemite Server Backup will back up the SQL Server database instance in Full mode, but all other file types in Incremental mode.</p> <p>You can use this feature to ensure that databases in the instance are always backed up in Full mode but that other files are only backed up when changed. This guarantees the greatest security for the most crucial files. that is, the SQL Server database instances. By backing up only the changed files and not the entire network, backup jobs are kept to a manageable size.</p>
<p>Full</p>	<p>When the Backup mode of a job is set to Full, Yosemite Server Backup checks this setting to see how the job should be run with SQL database instances. Full is the only possible setting, so the database instances will be backed up in this mode. In this case, both the databases and the transaction logs are backed up.</p>
<p>Differential</p>	<p>When the Backup mode of a job is set to Differential, Yosemite Server Backup checks this setting to see how the job should be run with SQL database instances. By default, Yosemite Server Backup runs the jobs as an incremental job and so only the transaction logs are backed up.</p> <p>There is no distinct Differential job mode for SQL Server database instances. If you want jobs with a Differential backup mode to back up both the database and the transaction logs, change this setting to Full. In this case, Yosemite Server Backup will treat the SQL Server database instances as if it were running a job in Full backup mode.</p>
<p>Incremental</p>	<p>When the Backup mode of a job is set to Incremental, Yosemite Server Backup checks this setting to see how the job should be run with SQL databases. By default, Yosemite Server Backup runs the jobs as an incremental job and so only the transaction logs are backed up.</p>

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