



# Configure Backup Schedule

## Virtual Desktop Service

Toby vanRoojen  
December 02, 2020

This PDF was generated from [https://docs.netapp.com/us-en/virtual-desktop-service/Management.System\\_Administration.configure\\_backup.html](https://docs.netapp.com/us-en/virtual-desktop-service/Management.System_Administration.configure_backup.html) on December 10, 2020. Always check [docs.netapp.com](https://docs.netapp.com) for the latest.

# Table of Contents

- Configure Backup Schedule ..... 1
  - Overview ..... 1
  - Azure ..... 1

# Configure Backup Schedule

## Overview

VDS has the ability to configure and manage native backup services in some infrastructure providers including Azure.

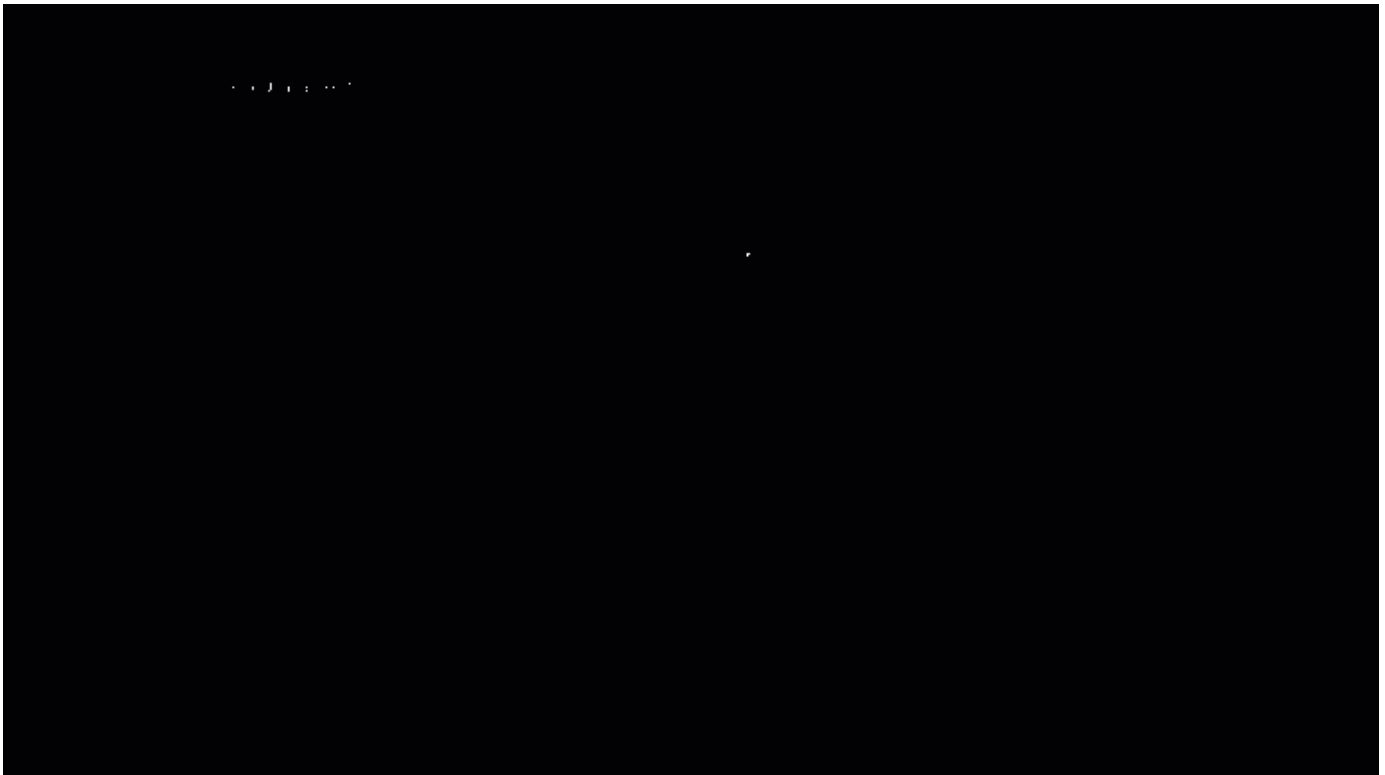
## Azure

In Azure, VDS can automatically configure backups using native [Azure Cloud Backup](#) with locally redundant storage (LRS). Geo-redundant storage (GRS) can be configured in the Azure Management Portal if needed.

- Individual backup policies can be defined for each Server Type (with default recommendations). Additionally, individual machines can be assigned a schedule independent (from their server type) from within the VDS UI, this setting can be applied by navigating to the Server Detail View by clicking on the Server name on the Workspace page (See Video Below: Setting Individual Backup Policies)
  - Data
    - Backup with 7 daily, 5 weekly & 2 monthly backups. Increase retention periods based on business requirements.
    - This is true for both a dedicated Data server and for add-on VPS VMs for Apps and Databases.
  - Infrastructure
    - CWMGR1 – Backup Daily and keep 7 daily, 5 weekly, 2 monthly.
    - RDS Gateway – Backup weekly and keep 4 weekly.
    - HTML5 Gateway – Backup weekly and keep 4 weekly.
  - PowerUser (aka VDI User)
    - Don't backup the VM as data should be stored on a D1 or TSD1 server.
    - Be aware that some applications do store data locally and special considerations should be taken if this is the case.
    - In the event of a VM failure, a new VM can be built via Cloning another. In the event there is only one VDI VM (or one unique VM build) it is advisable to back it up so that a complete rebuild of that VM is not required.
    - If needed, rather than backing up all VDI servers, costs can be minimized by manually configuring a single VM to backup directly in the Azure Management portal.
  - TS
    - Don't backup the VM as data should be stored on a D1 or TSD1 server.

- Be aware that some applications do store data locally and special considerations should be taken if this is the case.
  - In the event of a VM failure, a new VM can be built via Cloning another. In the event there is only one TS VM it is advisable to back it up so that a complete rebuild of that VM is not required.
  - If needed, rather than backing up all TS servers, costs can be minimized by manually configuring a single VM to backup directly in the Azure Management portal.
- TSData
    - Backup with 7 daily, 5 weekly & 2 monthly backups. Increase retention periods based on business requirements.
- Policies can be set to take backups daily or weekly, Azure does not support more frequent schedules.
  - For daily schedules, enter the preferred time to take the backup. For weekly schedules, enter the preferred day and time to take the backup. Note: Setting the time to exactly 12:00 am can cause issues in Azure Backup so 12:01 am is recommended.
  - Define how many daily, weekly, monthly and yearly backups should be retained.

## Setting deployment defaults



*In order to setup Azure backup for the entire deployment, follow these steps:*

1. Navigate to the Deployments detail page, select Backup Defaults
2. Select a server type from the drop-down menu. The server types are:

Data: these are for LOB/database server types  
Infrastructure: these are platform servers  
Power User: these are for Users with a TS server dedicated solely to them  
TS: these are terminal servers that Users launch sessions on  
TSData: these are servers doubling as terminal and data servers.

- This will define the overarching backup settings for the entire Deployment. These can be overridden and set at a server-specific level later if desired.

3. Click the settings wheel, then the Edit popup that appears.
4. Select the following backup settings:

On or off  
Daily or weekly  
What time of day backups take place  
How long each backup type (daily, weekly, etc.) should be retained

5. Finally, click Create (or Edit) Schedule to put these settings in place.

## Setting individual backup policies

*To apply server-specific integrated backup settings, navigate to a Workspace detail page.*

1. Scroll down to the Servers section and click on a server's name
2. Click Add Schedule
3. Apply backup settings as desired and click Create Schedule

## Restoring from backup

*To restore backups of a given VM, begin by navigating to that Workspace detail page.*

1. Scroll down to the Servers section and click on a server's name
2. Scroll down to the Backups section and click the wheel to expand your options, then select either
3. Restore to Server or Restore to Disk (attach a drive from the backup so that you can copy data from the backup to the existing version of the VM).
4. Proceed with your restore from this point on as you would in any other restore scenario.



Costs depend on what schedule you want to maintain and is entirely driven by the Azure backup cost. Backup pricing for VMs is found on the Azure Cost Calculator: <https://azure.microsoft.com/en-us/pricing/calculator/>

## Copyright Information

Copyright © 2020 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

## Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.